10589743

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NEWS	2	JAN 12	Match STN Content and Features to Your Information Needs, Quickly and Conveniently
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NEWS	6	FEB 16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS	7	FEB 16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS	8	FEB 16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS	9	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS	10	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS	11	APR 02	DWPI: New display format ALLSTR available
NEWS	12	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS	13	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS	14	APR 07	CA/CAplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS	15	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus
NEWS	16	APR 07	MEDLINE Coverage Is Extended Back to 1947

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:46:08 ON 04 MAY 2010

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND
command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 15:46:26 ON 04 MAY 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 3 MAY 2010 HIGHEST RN 1221227-20-8
DICTIONARY FILE UPDATES: 3 MAY 2010 HIGHEST RN 1221227-20-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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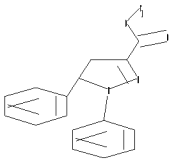

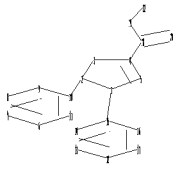

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ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
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ring bonds :
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14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 1-15 4-5 18-19 18-20 19-22
exact bonds :
2-3 2-10 3-4 4-18
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 : 6 : 12 :

G1:H,CH3,Et,n-Pr,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
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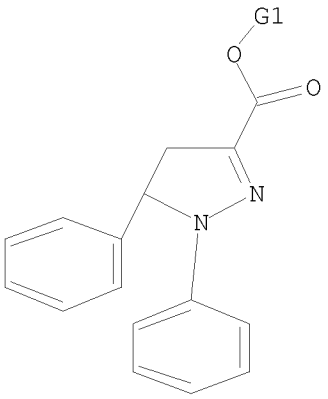

G1 H,Me,Et,n-Pr,Ak

Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 1539 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
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PROJECTED ANSWERS: 9 TO 360

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=> s l1 sss full
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100.0% PROCESSED 30013 ITERATIONS 179 ANSWERS
SEARCH TIME: 00.00.01

L3 179 SEA SSS FUL L1

=> FIL HCAPLUS
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 191.54 191.76

FILE 'HCAPLUS' ENTERED AT 15:46:57 ON 04 MAY 2010

FILE COVERS 1907 - 4 May 2010 VOL 152 ISS 19
FILE LAST UPDATED: 3 May 2010 (20100503/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

HCAplus now includes complete International Patent Classification (IPC)
reclassification data for the first quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

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L5           33 L4 AND PY<=2004

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L10           4 L5 AND US/PC
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L6 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:793411 HCAPLUS
DOCUMENT NUMBER: 137:310911
TITLE: Utilization of pyrazoline derivatives, as inhibitors of the expression of the gene responsible for COX-2 synthesis, in the preparation of a medicament for the prevention and/or treatment of proliferative cell diseases
INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi
PATENT ASSIGNEE(S): Laboratorios del Esteve, S.A., Spain
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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PRIORITY APPLN. INFO.:			ES 2001-818	A	20010406
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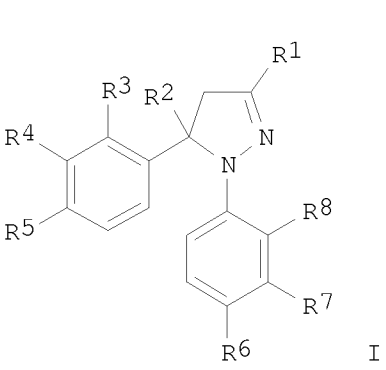
			EP 2002-714233	A3	20020321
			WO 2002-ES137	W	20020321

OTHER SOURCE(S): MARPAT 137:310911

GI



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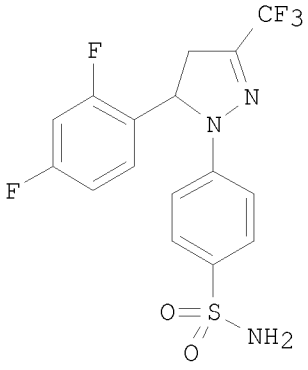

II

AB The invention relates to pyrazoline derivs. I [wherein R1 = H, Me, CH2F, CHF2, CF3, CO2H, C1-4 alkoxycarbonyl, CONH2, or cyano; R2 = H or Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, or OMe; R5, R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of R5 or R6 = SO2Me, SO2NH2, or SO2NHAc, and provided that if R1 = Me, then: R2 = H or Me; R3 and R8 = H, Cl, F, Me, or CF3; R4 = H, F, Me, CF3, or OMe; R5 = F, CF3, CF3O, SO2Me, SO2NH2, or SO2NHAc; R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of the substituents R5 or R6 = SO2Me, SO2NH2, or SO2NHAc; and R7 = H, Cl, F, Me, CF3, or OMe; including physiol. acceptable salts]. I are useful for the prevention or treatment of proliferative cell diseases. In particular, I are useful for treatment of pre-neoplastic or neoplastic processes, tumoral angiogenesis, cachexia, and processes related to tumor necrosis factor (TNF). Generally, I are useful for treating processes where there would be benefit by inhibiting the expression of the gene responsible for the synthesis of cyclooxygenase 2 (COX-2), notably in mammals, and particularly in humans. A list of 84 specific examples is provided, and a similar list of 84 compds. (1 difference) is claimed. Six examples of individual enantiomers are given, the remainder being racemic. For instance, condensation of 2,4-difluorobenzaldehyde with either CH3COCF3 (68%) or the reaction product of LiCH2PO3Et2 with PhN:C(Cl)CF3 (81%) gave (E)-1,1,1-trifluoro-4-(2,4-difluorophenyl)-3-buten-2-one. Cyclocondensation of the latter enone with 4-(H2NSO2)C6H4NHNH2.HCl gave

61% invention compound (±)-II, which was resolved by chromatog. on CHIRALPAK AS to give (+)- and (-)-II with enantiomeric purities of 99.9% or greater. In tests against human colorectal cancer cell lines NC59 and TD20, (±)-II had IC50 values of 29.87 and 33.87 μM, resp. I also inhibited the induction of COX-2 in JURKAT cells, were active against breast cancer cells in culture (IC50 12-18 μM), inhibited angiogenesis (as determined by induction of expression of VEGF and TF in cell culture), and inhibited production of TNF-α in the air-pouch model in mice.

IT 251443-24-0P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylic acid 251443-25-1P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylic acid 251443-26-2P, 4,5-Dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylic acid 251443-27-3P, Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylate 251443-28-4P, Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylate 251443-29-5P, Methyl 4,5-dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation and use of pyrazoline derivs. as COX-2 gene expression inhibitors for prevention and/or treatment of proliferative cell diseases)

RN 251443-24-0 HCAPLUS
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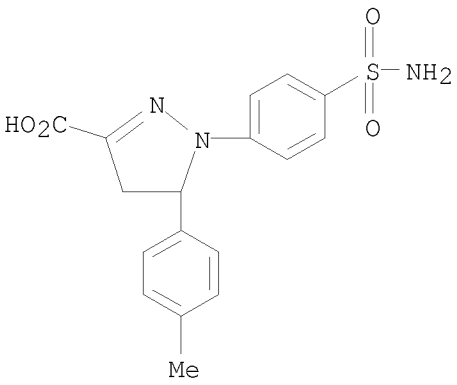

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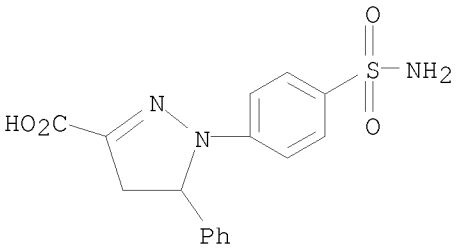

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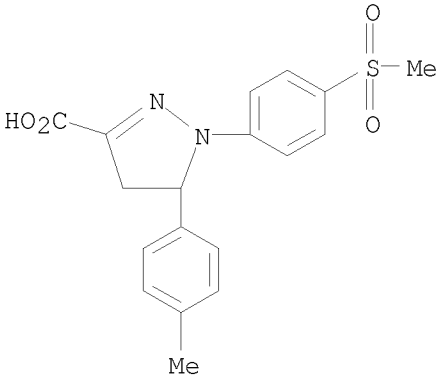

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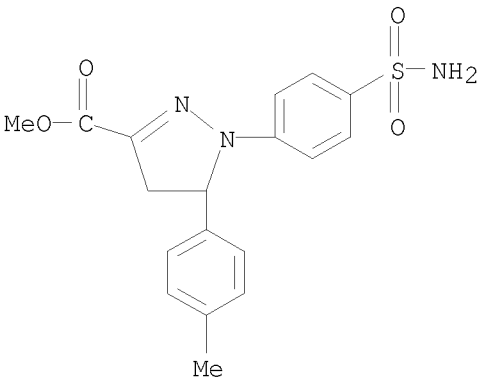

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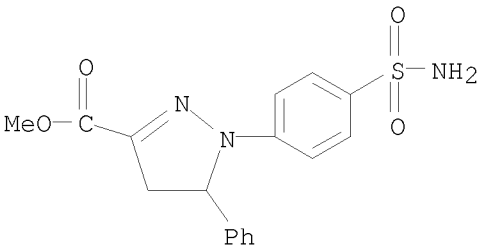

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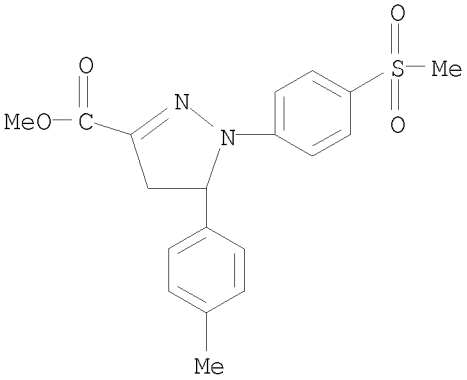

OS.CITING REF COUNT: 21 THERE ARE 21 CAPLUS RECORDS THAT CITE THIS RECORD (21 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:784081 HCAPLUS
DOCUMENT NUMBER: 132:12302
TITLE: Diarylpyrazoles as inhibitors of cyclooxygenase-2
INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi
PATENT ASSIGNEE(S): Laboratorios Del Esteve, S.A., Spain
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962884	A1	19991209	WO 1999-ES156	19990527 <--

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OTHER SOURCE(S):         MARPAT 132:12302
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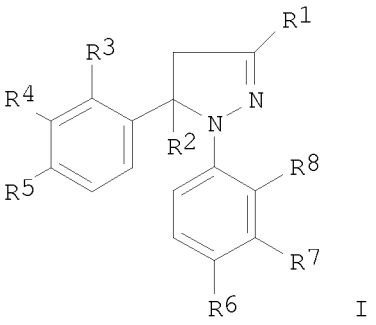


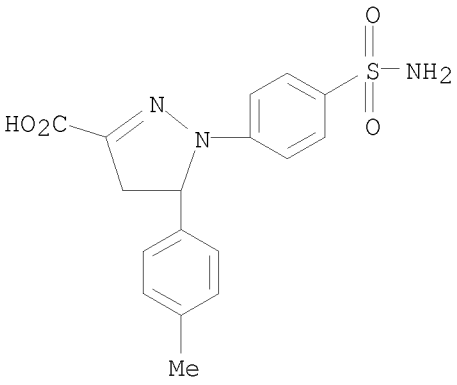
I

AB Diarylpyrazoles I [R1 = H, Me, CH2F, CHF2, CF3, CO2H, alkoxycarbonyl, carbamoyl, CN; R2 = H, Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, OMe; R5 = H, Cl, F, Me, CF3, OMe, OCF3, R6 = SO2Me, SO2NH2, SO2NHAc; R5 = SO2Me, SO2NH2, SO2NHAc, R6 = H, Cl, F, Me, CF3, OMe, OCF3] were prepared for use in treating inflammation and other processes mediated by COX-2. Thus, 2,4-F2C6H3CHO was treated with CF3COMe to give (E)-2,4-F2C6H3CH:CHCOCF3 which was cyclized with 4-H2NSO2C6H4NHNH2 to give I [R1 = CF3, R2-R4, R7, R8 = H, R5 = SO2Me, R6 = Me] which gave 92% inhibition of COX-2 activity at 40 mg/kg orally in rats.

IT 251443-24-0P 251443-26-2P
RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

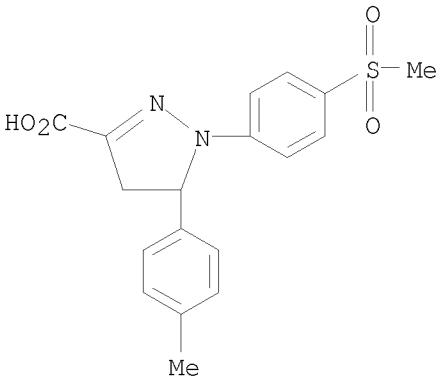
RN 251443-24-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)

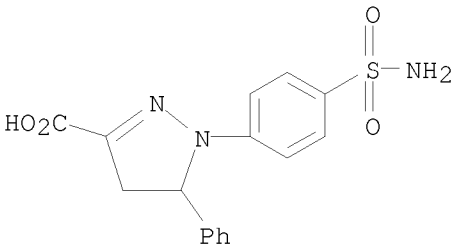


RN 251443-26-2 HCAPLUS

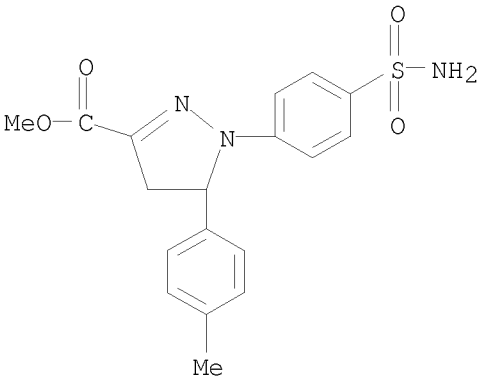
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



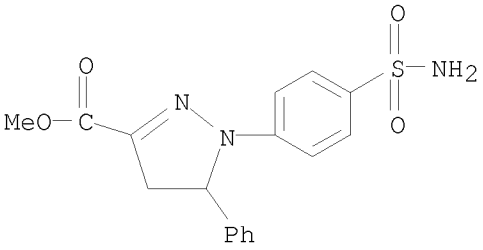
IT 251443-25-1P 251443-27-3P 251443-28-4P
251443-29-5P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)
RN 251443-25-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



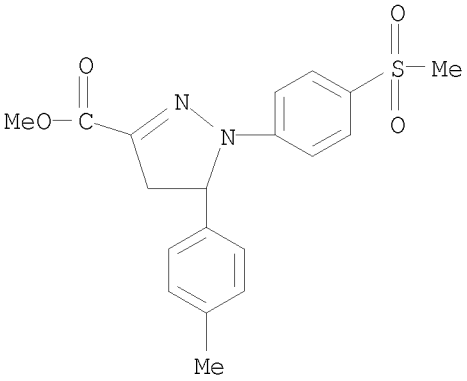
RN 251443-27-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



RN 251443-28-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



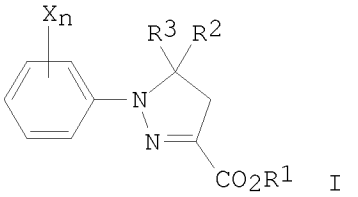
OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1991:492261 HCAPLUS
DOCUMENT NUMBER: 115:92261
ORIGINAL REFERENCE NO.: 115:15883a,15886a
TITLE: Preparation of 1-phenylpyrazoline-3-carboxylates as herbicide safeners
INVENTOR(S): Roesch, Wolfgang; Sohn, Erich; Bauer, Klaus; Bieringer, Hermann
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

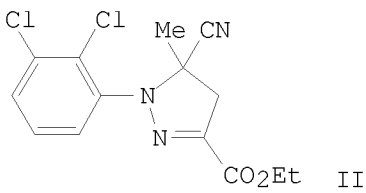
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3939503	A1	19910606	DE 1989-3939503	19891130 <--
WO 9107874	A1	19910613	WO 1990-EP2020	19901126 <--
W: AU, CA, HU, JP, KR, SU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9168863	A	19910626	AU 1991-68863	19901126 <--
AU 653506	B2	19941006		
HU 60593	A2	19921026	HU 1992-1797	19901126 <--
HU 218970	B	20010129		
JP 05503086	T	19930527	JP 1991-500106	19901126 <--
JP 3088456	B2	20000918		
EP 635996	A1	19950201	EP 1990-917518	19901126 <--
EP 635996	B1	19980211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
AT 163124	T	19980215	AT 1990-917518	19901126 <--
ES 2114862	T3	19980616	ES 1990-917518	19901126 <--
HU 218970	B	20010129	HU 1997-92017	19901126 <--
CA 2069901	C	20011030	CA 1990-2069901	19901126 <--
RU 2228619	C2	20040520	RU 1990-5052227	19901126 <--
IL 96496	A	19941229	IL 1990-96496	19901128 <--
CN 1052115	A	19910612	CN 1990-109551	19901129 <--
CN 1051078	C	20000405		
ZA 9009591	A	19910925	ZA 1990-9591	19901129 <--
LV 10359	B	19960220	LV 1993-307	19930507 <--
LT 3372	B	19950825	LT 1993-711	19930625 <--
US 5700758	A	19971223	US 1995-468850	19950606 <--
US 5703008	A	19971230	US 1995-476065	19950607 <--

PRIORITY APPLN. INFO.:
DE 1989-3939503 A 19891130
WO 1990-EP2020 A 19901126
US 1992-848998 B3 19920421

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 115:92261
GI



I

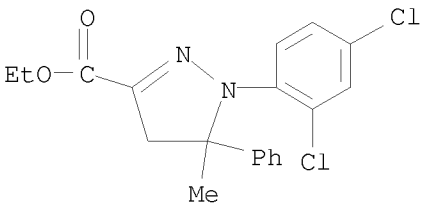


II

AB The title compds. [I; X = halo, haloalkyl; n = 1-3; R1 = H, alkyl, cycloalkyl, trialkylsilyl, trialkylsilylmethyl, alkoxyalkyl; R2, R3 = H, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxyalkyl, hydroxyalkyl, alkoxycarbonyl, alkylcarbonyl, alkylaminocarbonyl, halo, cyano, (substituted) Ph; R2R3 = atoms to form a ring], were prepared Thus, methacrylonitrile and Et3N at 70° were treated with Et 2-chloroglyoxalate 2,3-dichlorophenylhydrazone in dimethoxy ethane over 0.5 h; the mixture was stirred 4 h at 80° to give title compound II. II at 1.25 kg/ha reduced damage to wheat caused by 2.0 kg/ha Et feroxaprop from 70% to 30%. Other I gave complete protection.

IT 135590-92-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as herbicide safener)
RN 135590-92-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-5-phenyl-, ethyl ester (CA INDEX NAME)



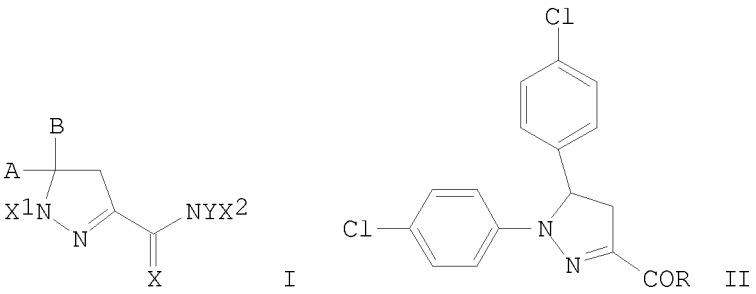
OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

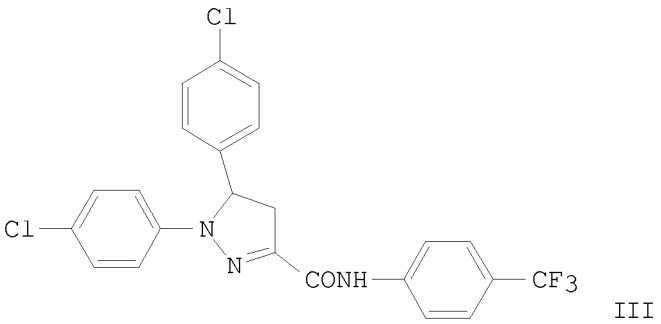
L6 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1989:75489 HCAPLUS
DOCUMENT NUMBER: 110:75489
ORIGINAL REFERENCE NO.: 110:12477a,12480a
TITLE: Preparation of N,1-diphenyl-2-pyrazoline-3-carboxamides as insecticides
INVENTOR(S): Stevenson, Thomas Martin
PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
SOURCE: PCT Int. Appl., 147 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8806583	A1	19880907	WO 1987-US3235	19871214 <--
W: AU, BR, JP, KR				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
AU 8811544	A	19880926	AU 1988-11544	19871214 <--
AU 598633	B2	19900628		
JP 01502513	T	19890831	JP 1988-501073	19871214 <--
JP 05081591	B	19931115		
EP 330678	A1	19890906	EP 1988-900910	19871214 <--
EP 330678	B1	19901024		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
BR 8707672	A	19891003	BR 1987-7672	19871214 <--
AT 57690	T	19901115	AT 1988-900910	19871214 <--
ES 2008408	A6	19890716	ES 1988-6	19880104 <--
CN 88100104	A	19880720	CN 1988-100104	19880105 <--
ZA 8800040	A	19890927	ZA 1988-40	19880105 <--

PRIORITY APPLN. INFO.:		
US 1987-326	A	19870105
US 1987-113530	A	19871028
EP 1988-900910	A	19871214

WO 1987-US3235 A 19871214
OTHER SOURCE(S): MARPAT 110:75489
GI



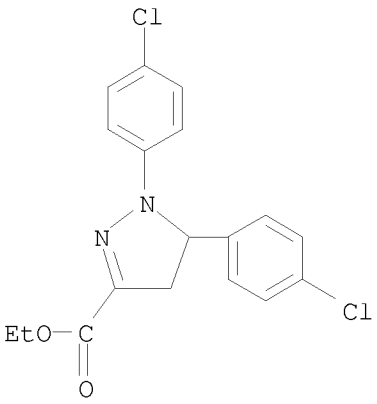


AB The title compds. [I; A = H, alkyl, (un)substituted Ph; B = H, alkenyl, alkynyl, alkoxycarbonyl, (un)substituted alkyl, Ph; X = O, S; X1, X2 = (un)substituted Ph; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, (un)substituted PhS] were prepared 4-ClC6H4NH2 was diazotized and the resulting solution added to MeCOCHClCO2Et in EtOH containing NaOAc to give, after 2 h stirring, 4-ClC6H4NHN:CClCO2Et which was refluxed with 4-ClC6H4CH:CH2 in benzene containing Et3N to give pyrazolinecarboxylate II (R = EtO). The latter was converted in 2 steps to II (R = Cl) which was stirred 18 h with 4-F3CC6H4NH2 to give II (R = 4-F3CC6H4NH), which gave ≥80% kill of fall armyworm larvae sprayed in cups at 0.5 lb./acre.

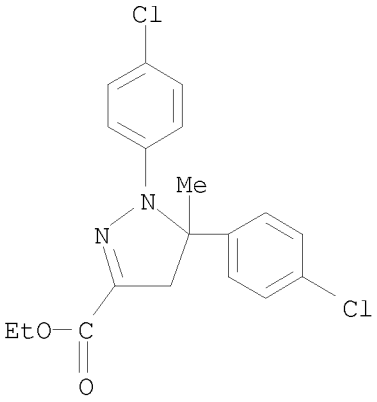
IT 118010-70-1P 118010-85-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of insecticides)

RN 118010-70-1 HCAPLUS

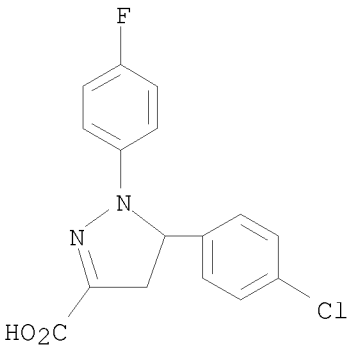
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



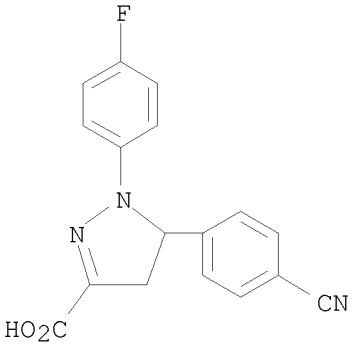
RN 118010-85-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)



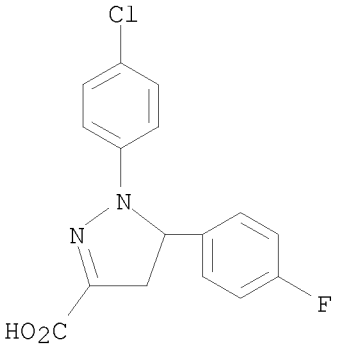
IT 118010-64-3P 118010-65-4P 118010-66-5P
118010-68-7P 118010-69-8P 118010-70-1P
118010-71-2P 118010-72-3P 118010-73-4P
118010-74-5P 118010-75-6P 118010-76-7P
118010-77-8P 118010-78-9P 118010-79-0P
118010-80-3P 118010-81-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as insecticide)
RN 118010-64-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



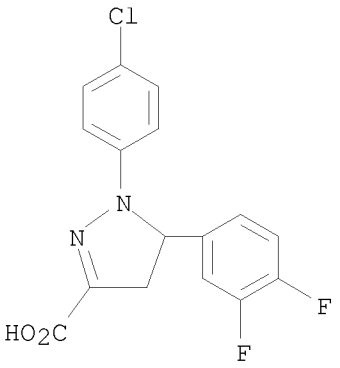
RN 118010-65-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



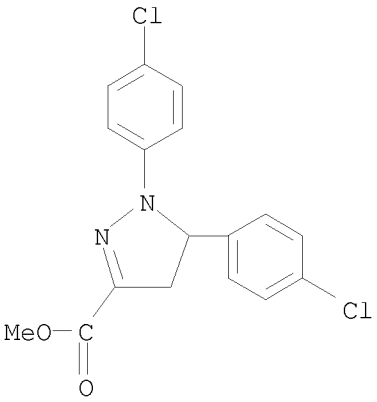
RN 118010-66-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



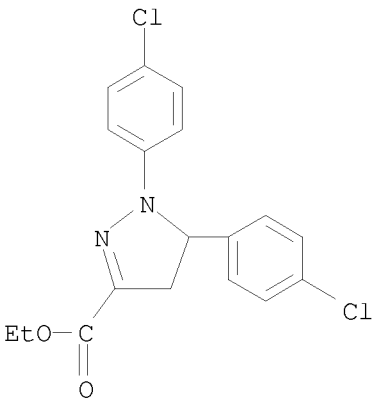
RN 118010-68-7 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro- (CA INDEX NAME)



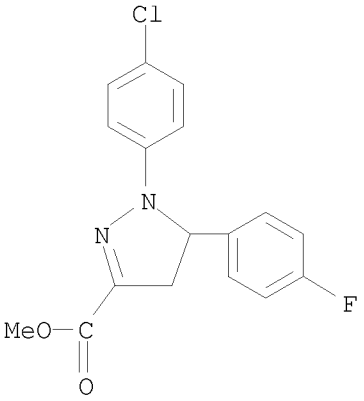
RN 118010-69-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



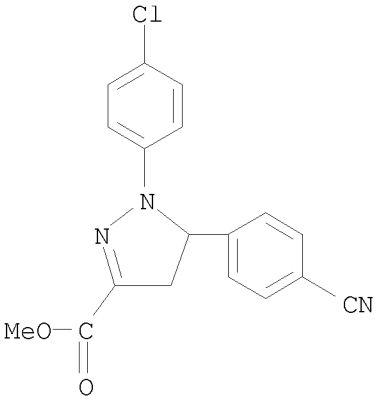
RN 118010-70-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



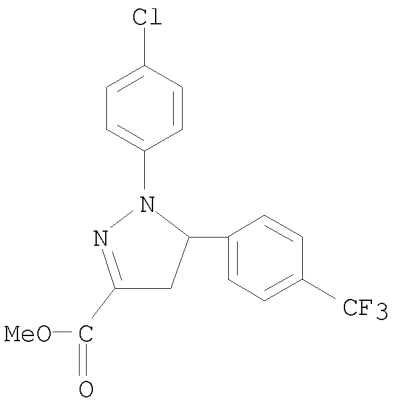
RN 118010-71-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



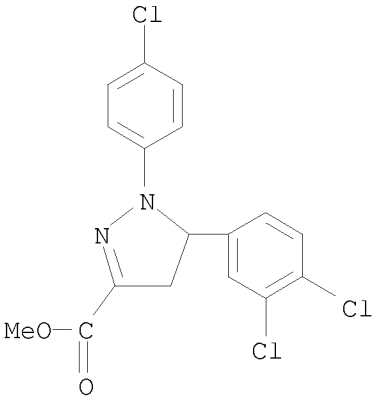
RN 118010-72-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-73-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-4,5-dihydro-5-[4-(trifluoromethyl)phenyl]-, methyl ester (CA INDEX NAME)



RN 118010-74-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-dichlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-75-6 HCAPLUS
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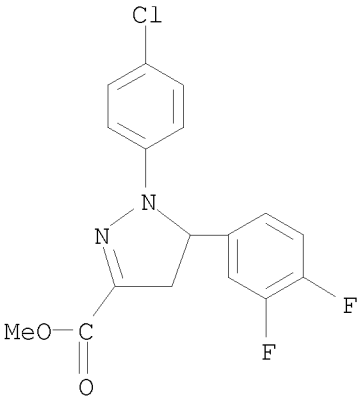
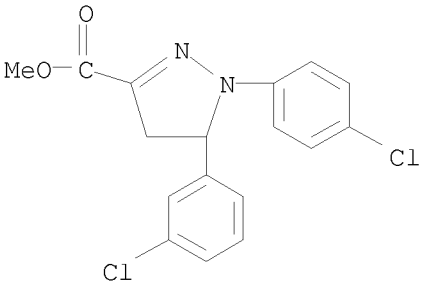
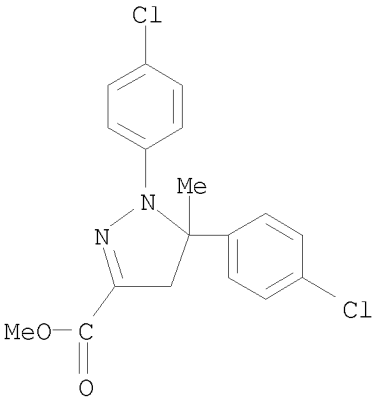


RN 118010-76-7 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(3-chlorophenyl)-1-(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)

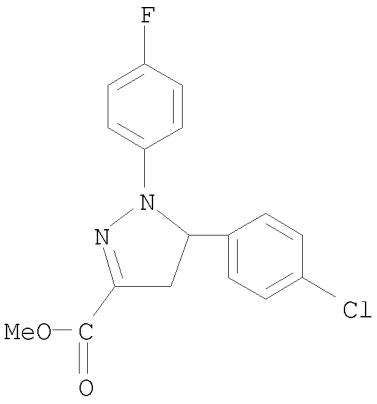


RN 118010-77-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, methyl ester (CA INDEX NAME)

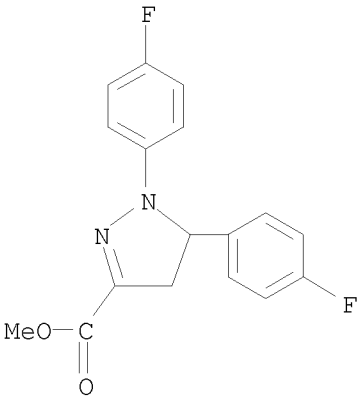


RN 118010-78-9 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-

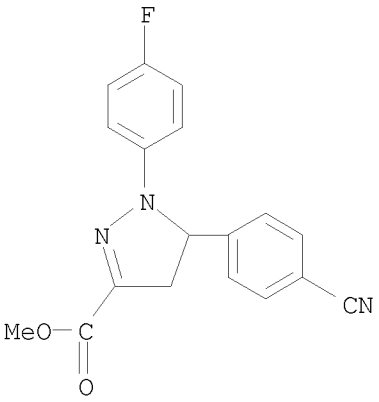
dihydro-, methyl ester (CA INDEX NAME)



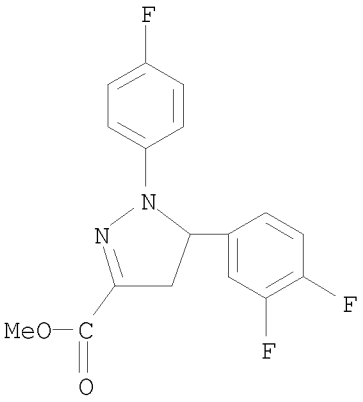
RN 118010-79-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-80-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(3,4-difluorophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

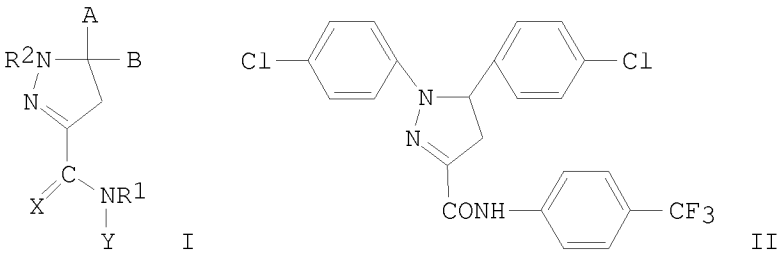
L6 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1989:23882 HCAPLUS
DOCUMENT NUMBER: 110:23882
ORIGINAL REFERENCE NO.: 110:4041a,4044a
TITLE: Insecticidal pyrazolinecarboxanilidess, and their compositions and use in insect control
INVENTOR(S): Stevenson, Thomas Martin
PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
SOURCE: PCT Int. Appl., 145 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 8805046	A2	19880714	WO 1988-US1	19880104 <--
WO 8805046	A3	19880811		
W: SD, US				
EP 330678	A1	19890906	EP 1988-900910	19871214 <--
EP 330678	B1	19901024		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
ES 2008408	A6	19890716	ES 1988-6	19880104 <--
CN 88100104	A	19880720	CN 1988-100104	19880105 <--
ZA 8800040	A	19890927	ZA 1988-40	19880105 <--
US 5091405	A	19920225	US 1989-378529	19890512 <--

PRIORITY APPLN. INFO.:
US 1987-326 A1 19870105
US 1987-113530 A1 19871028
WO 1988-US1 W 19880104

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 110:23882
GI



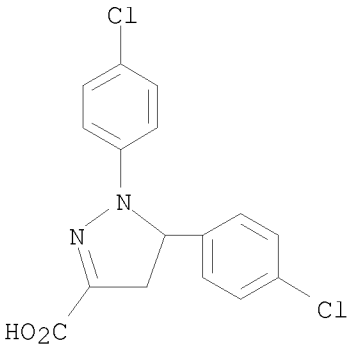
I II

AB The title compds. [I; R1 = substituted Ph; R2 = (un)substituted Ph; X = O, S; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, alkoxycarbonyl, CHO, alkanoyl, haloalkanoyl, (un)substituted PhS; A = H, alkyl, cyano, CO2R3, COR3, CONR3R4, CSNR3R4, C(S)R3, CS2R3, (un)substituted Ph; B = H, alkyl, haloalkyl, alkoxyalkyl, cyanoalkyl, alkoxycarbonylalkyl, alkenyl, alkynyl, alkoxycarbonyl, (un)substituted Ph, PhCH2; R3 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, alkoxyalkyl, alkylthioalkyl, nitroalkyl, cyanoalkyl, alkoxycarbonylalkyl, (halo)cycloalkyl, (un)substituted Ph, PhCH2; R4 = H, alkyl; R3R4 = (CH2)4, (CH2)5, CH2CH2OCH2CH2] are prepared as insecticides. Reaction of 4-ClC6H4NHN:CClCO2Et (preparation given) with 4-ClC6H4CH:CH2 via formation and dipolar cycloaddn. of a nitrile-imine (Et3N in C6H6) gave Et 1,5-bis(4-chlorophenyl)-4,5-dihydro-1H-pyrazole-3-carboxylate, which was saponified, converted to the acid chloride, amidated with 4-H2NC6H4CF3 to give pyrazolinecarboxanilide II. A formulation contained 10% II on attapulgite granules. As a spray at 0.55 kg/ha II gave ≥80% kill of Spodoptera frugiperda larvae.

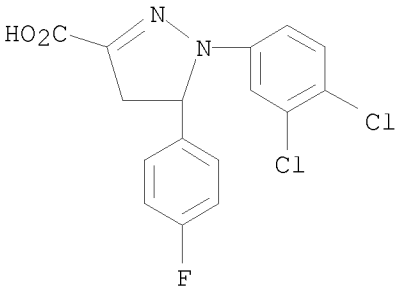
IT 118010-87-0P 118010-91-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion of, to acid chloride)

RN 118010-87-0 HCAPLUS

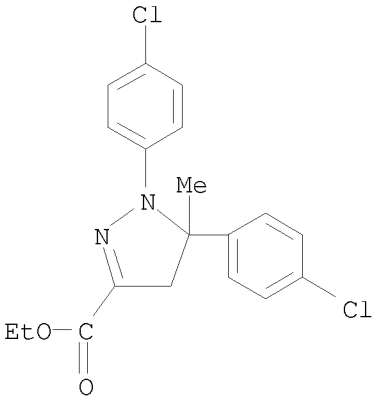
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro- (CA INDEX NAME)



RN 118010-91-6 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(3,4-dichlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



IT 118010-85-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification and amidation of)
RN 118010-85-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)

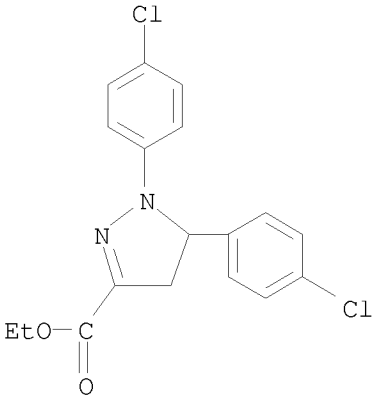


IT 118010-70-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification of)

RN 118010-70-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)

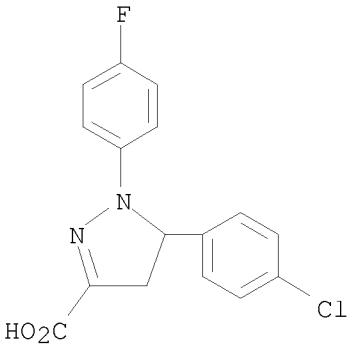


IT 118010-64-3P 118010-65-4P 118010-66-5P
118010-68-7P 118010-69-8P 118010-70-1P
118010-71-2P 118010-72-3P 118010-73-4P
118010-74-5P 118010-75-6P 118010-76-7P
118010-77-8P 118010-78-9P 118010-79-0P
118010-80-3P 118010-81-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as insecticide)

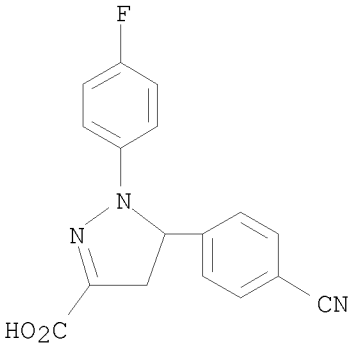
RN 118010-64-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)

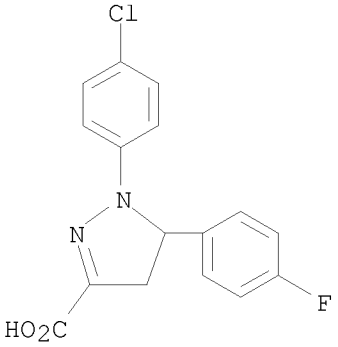


RN 118010-65-4 HCAPLUS

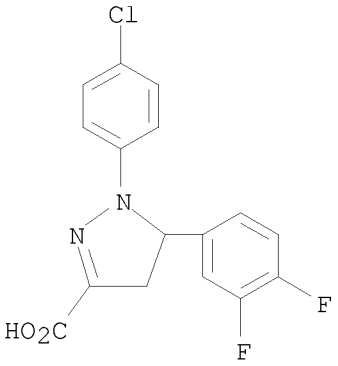
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



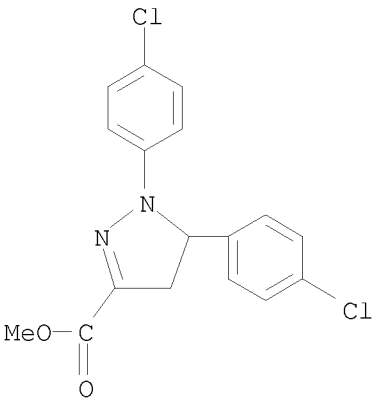
RN 118010-66-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



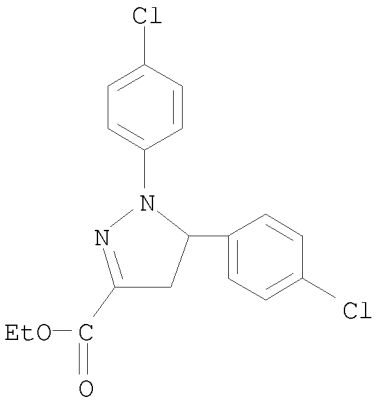
RN 118010-68-7 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro- (CA INDEX NAME)



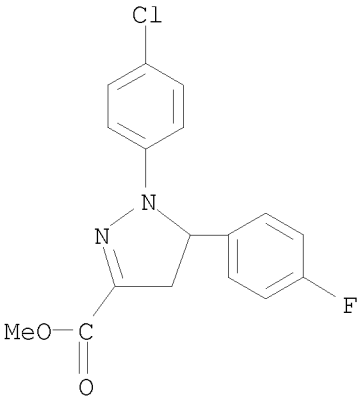
RN 118010-69-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



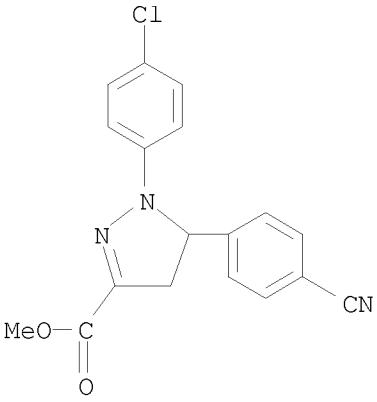
RN 118010-70-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



RN 118010-71-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-72-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-73-4 HCAPLUS
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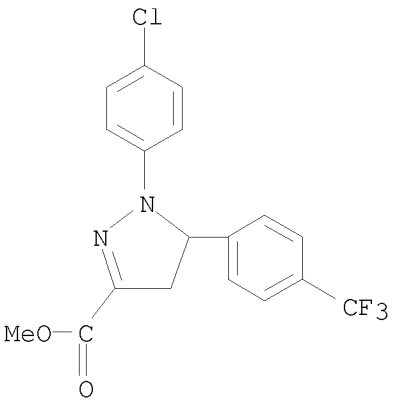
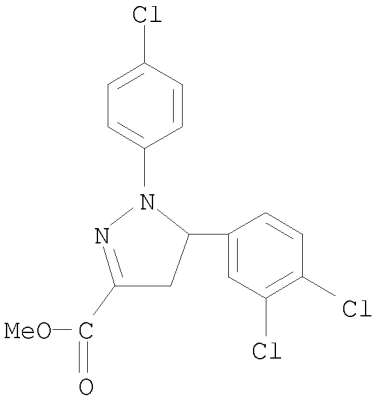
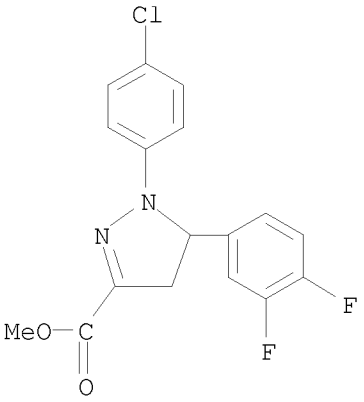


RN 118010-74-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-dichlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-75-6 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-76-7 HCAPLUS
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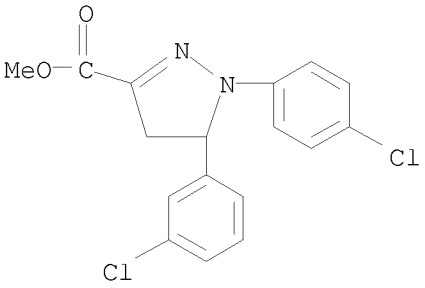

RN 118010-77-8 HCAPLUS
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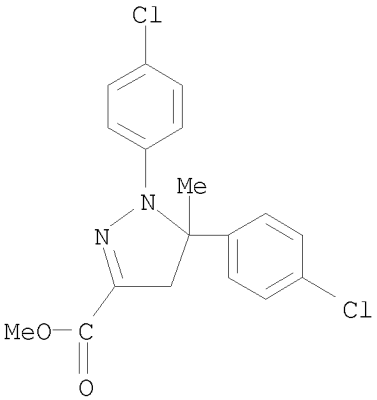

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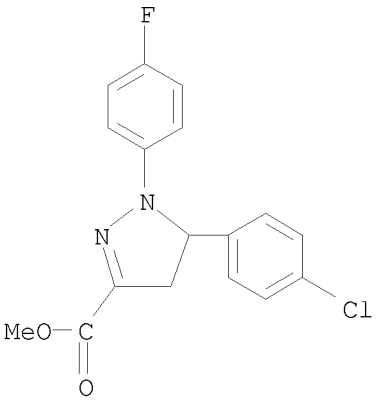
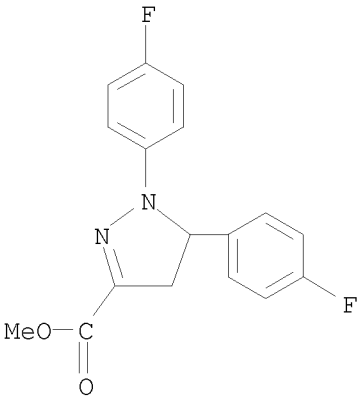
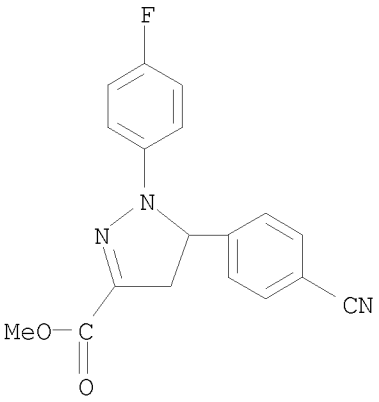
dihydro-, methyl ester (CA INDEX NAME)



RN 118010-79-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-80-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS
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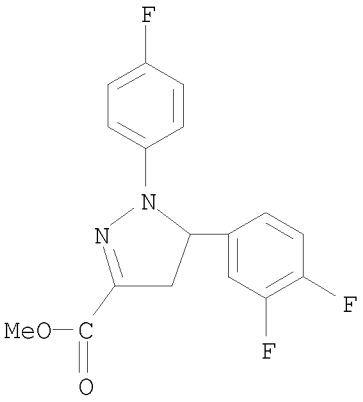

OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (28 CITINGS)

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L9 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:793411 HCAPLUS
DOCUMENT NUMBER: 137:310911
TITLE: Utilization of pyrazoline derivatives, as inhibitors of the expression of the gene responsible for COX-2 synthesis, in the preparation of a medicament for the prevention and/or treatment of proliferative cell diseases
INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi
PATENT ASSIGNEE(S): Laboratorios del Esteve, S.A., Spain
SOURCE: PCT Int. Appl., 54 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 2002080909	A1	20021017	WO 2002-ES137	20020321	<--
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
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ES 2264723	T3	20070116	ES 2002-714233	20020321	
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PRIORITY APPLN. INFO.:			
	ES 2001-818	A	20010406
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OTHER SOURCE(S): MARPAT 137:310911
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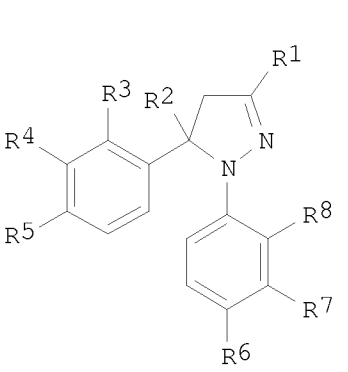

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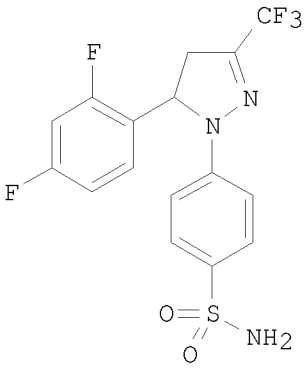


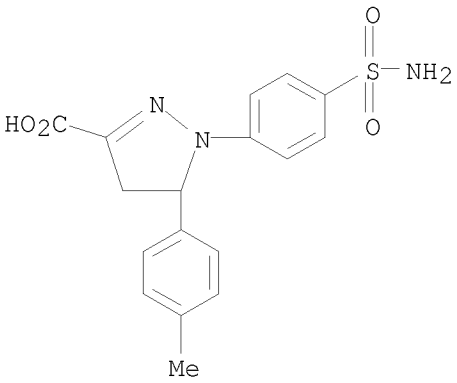
II

AB The invention relates to pyrazoline derivs. I [wherein R1 = H, Me, CH2F, CHF2, CF3, CO2H, C1-4 alkoxycarbonyl, CONH2, or cyano; R2 = H or Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, or OMe; R5, R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of R5 or R6 = SO2Me, SO2NH2, or SO2NHAc, and provided that if R1 = Me, then: R2 = H or Me; R3 and R8 = H, Cl, F, Me, or CF3; R4 = H, F, Me, CF3, or OMe; R5 = F, CF3, CF3O, SO2Me, SO2NH2, or SO2NHAc; R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of the substituents R5 or R6 = SO2Me, SO2NH2, or SO2NHAc; and R7 = H, Cl, F, Me, CF3, or OMe; including physiol. acceptable salts]. I are useful for the prevention or treatment of proliferative cell diseases. In particular, I are useful for treatment of pre-neoplastic or neoplastic processes, tumoral angiogenesis, cachexia, and processes related to tumor necrosis factor (TNF). Generally, I are useful for treating processes where there would be benefit by inhibiting the expression of the gene responsible for the synthesis of cyclooxygenase 2 (COX-2), notably in mammals, and particularly in humans. A list of 84 specific examples is provided, and a similar list of 84 compds. (1 difference) is claimed. Six examples of individual enantiomers are given, the remainder being racemic. For instance, condensation of 2,4-difluorobenzaldehyde with either CH3COCF3 (68%) or the reaction product of LiCH2PO3Et2 with PhN:C(Cl)CF3 (81%) gave (E)-1,1,1-trifluoro-4-(2,4-difluorophenyl)-3-buten-2-one. Cyclocondensation of the latter enone with 4-(H2NSO2)C6H4NHNH2.HCl gave 61% invention compound (±)-II, which was resolved by chromatog. on CHIRALPAK AS to give (+)- and (-)-II with enantiomeric purities of 99.9% or greater. In tests against human colorectal cancer cell lines NC59 and TD20, (±)-II had IC50 values of 29.87 and 33.87 μM, resp. I also inhibited the induction of COX-2 in JURKAT cells, were active against breast cancer cells in culture (IC50 12-18 μM), inhibited angiogenesis (as determined by induction of expression of VEGF and TF in cell culture), and inhibited production of TNF-α in the air-pouch model in mice.

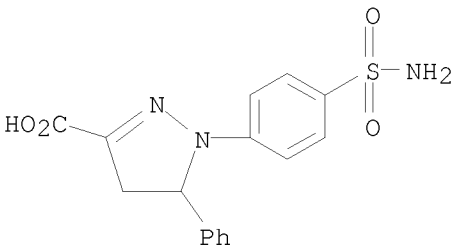
IT 251443-24-0P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylic acid 251443-25-1P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylic acid 251443-26-2P, 4,5-Dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylic acid 251443-27-3P , Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylate 251443-28-4P, Methyl

1-(4-aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylate
251443-29-5P, Methyl 4,5-dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation and use of pyrazoline derivs. as COX-2 gene expression inhibitors for prevention and/or treatment of proliferative cell diseases)

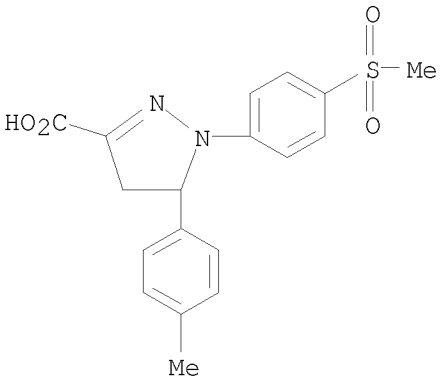
RN 251443-24-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)



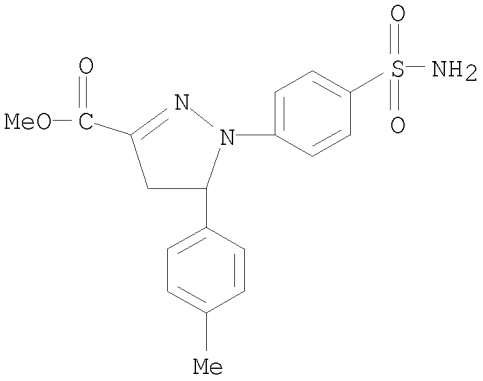
RN 251443-25-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



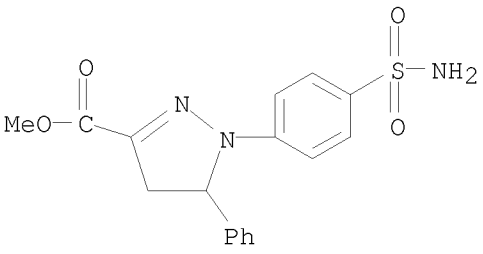
RN 251443-26-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



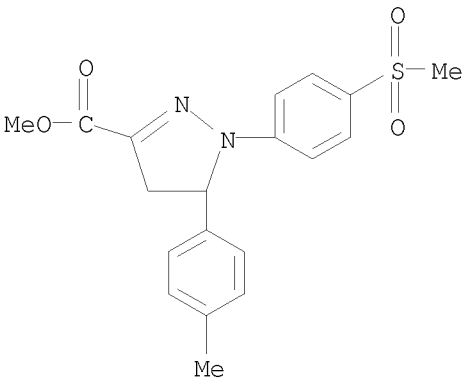
RN 251443-27-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



RN 251443-28-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 21 THERE ARE 21 CAPLUS RECORDS THAT CITE THIS RECORD (21 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:784081 HCAPLUS
DOCUMENT NUMBER: 132:12302
TITLE: Diarylpyrazoles as inhibitors of cyclooxygenase-2
INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi
PATENT ASSIGNEE(S): Laboratorios Del Esteve, S.A., Spain
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962884	A1	19991209	WO 1999-ES156	19990527 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ES 2137138	A1	19991201	ES 1998-1129	19980529 <--
ES 2137138	B1	20000916		
CA 2333475	A1	19991209	CA 1999-2333475	19990527 <--
CA 2333475	C	20091208		
AU 9939329	A	19991220	AU 1999-39329	19990527 <--
AU 752001	B2	20020905		
EP 1083171	A1	20010314	EP 1999-922192	19990527 <--
EP 1083171	B1	20040428		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9910801	A	20011127	BR 1999-10801	19990527 <--

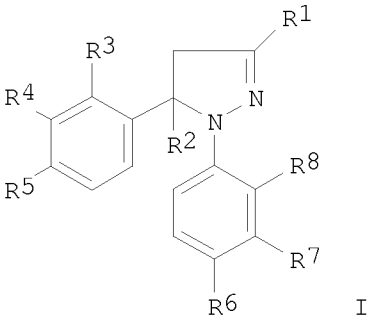
SI 20580	A	20011231	SI 1999-20042	19990527	<--
HU 2001002102	A2	20020328	HU 2001-2102	19990527	<--
HU 2001002102	A3	20020628			
JP 2002516908	T	20020611	JP 2000-552096	19990527	<--
NZ 508990	A	20021220	NZ 1999-508990	19990527	<--
TW 572898	B	20040121	TW 1999-88108709	19990527	<--
AT 265437	T	20040515	AT 1999-922192	19990527	<--
RU 2233272	C2	20040727	RU 2000-133231	19990527	<--
PT 1083171	E	20040930	PT 1999-922192	19990527	<--
ES 2221382	T3	20041216	ES 1999-922192	19990527	<--
CN 1189459	C	20050216	CN 1999-808111	19990527	
SK 285550	B6	20070301	SK 2000-1807	19990527	
CZ 298391	B6	20070919	CZ 2000-4418	19990527	
NO 2000006029	A	20010126	NO 2000-6029	20001128	<--
BG 105005	A	20010831	BG 2000-105005	20001128	<--
BG 64950	B1	20061031			
LT 4879	B	20020125	LT 2000-108	20001128	<--
US 6353117	B1	20020305	US 2000-701276	20001128	<--
US 38963	E1	20060131	US 2000-229880	20001128	<--
MX 2000011839	A	20010521	MX 2000-11839	20001129	<--
IN 216904	A1	20080321	IN 2000-CN668	20001217	
ZA 2000007638	A	20011113	ZA 2000-7638	20001219	<--
IN 2000KN00668	A	20050311	IN 2000-KN668	20001227	
LV 12632	B	20010720	LV 2000-161	20001228	<--

PRIORITY APPLN. INFO.: ES 1998-1129 A 19980529
WO 1999-ES156 W 19990527

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:12302

GI



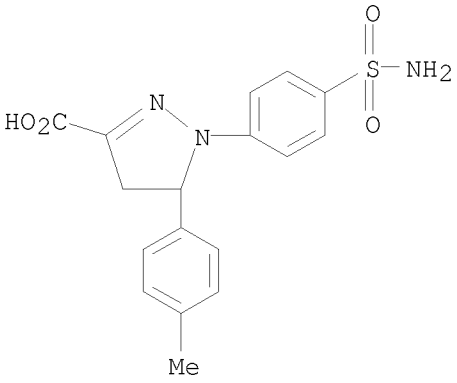
I

AB Diarylpyrazoles I [R1 = H, Me, CH2F, CHF2, CF3, CO2H, alkoxycarbonyl, carbamoyl, CN; R2 = H, Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, OMe; R5 = H, Cl, F, Me, CF3, OMe, OCF3, R6 = SO2Me, SO2NH2, SO2NHAc; R5 = SO2Me, SO2NH2, SO2NHAc, R6 = H, Cl, F, Me, CF3, OMe, OCF3] were prepared for use in treating inflammation and other processes mediated by COX-2. Thus, 2,4-F2C6H3CHO was treated with CF3COMe to give (E)-2,4-F2C6H3CH:CHCOCF3 which was cyclized with 4-H2NSO2C6H4NHNH2 to give I [R1 = CF3, R2-R4, R7, R8 = H, R5 = SO2Me, R6 = Me] which gave 92% inhibition of COX-2 activity at 40 mg/kg orally in rats.

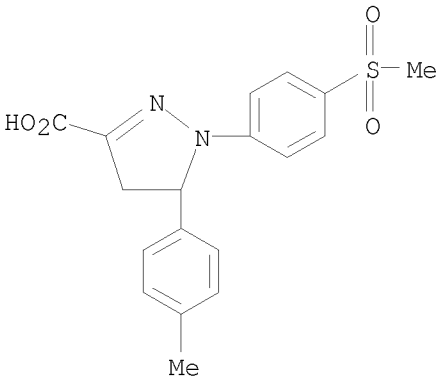
IT 251443-24-0P 251443-26-2P

RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

RN 251443-24-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)

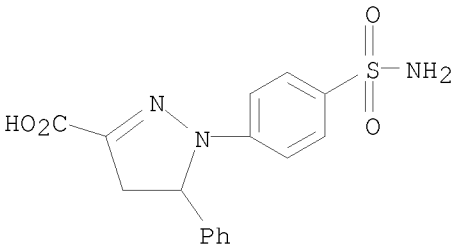


RN 251443-26-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)

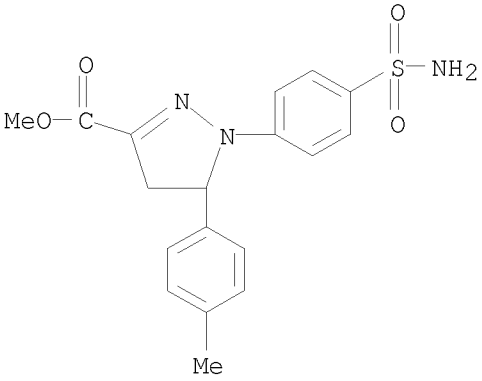


IT 251443-25-1P 251443-27-3P 251443-28-4P
251443-29-5P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

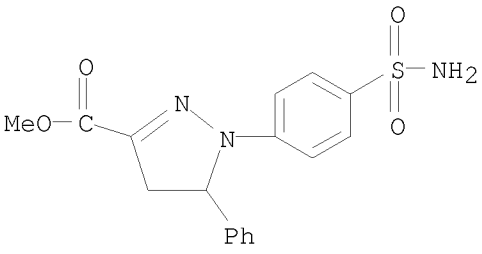
RN 251443-25-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



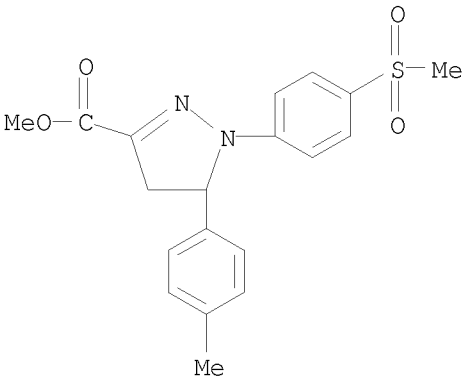
RN 251443-27-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



RN 251443-28-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



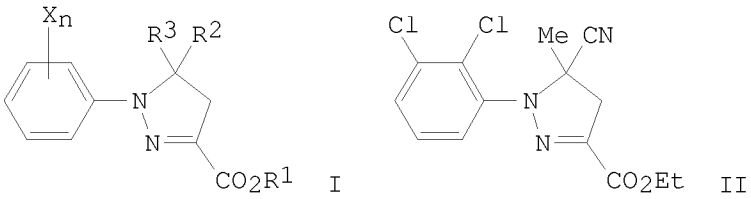
OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1991:492261 HCAPLUS
DOCUMENT NUMBER: 115:92261
ORIGINAL REFERENCE NO.: 115:15883a,15886a
TITLE: Preparation of 1-phenylpyrazoline-3-carboxylates as herbicide safeners
INVENTOR(S): Roesch, Wolfgang; Sohn, Erich; Bauer, Klaus; Bieringer, Hermann
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3939503	A1	19910606	DE 1989-3939503	19891130 <--
WO 9107874	A1	19910613	WO 1990-EP2020	19901126 <--
W: AU, CA, HU, JP, KR, SU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9168863	A	19910626	AU 1991-68863	19901126 <--
AU 653506	B2	19941006		
HU 60593	A2	19921026	HU 1992-1797	19901126 <--
HU 218970	B	20010129		
JP 05503086	T	19930527	JP 1991-500106	19901126 <--
JP 3088456	B2	20000918		
EP 635996	A1	19950201	EP 1990-917518	19901126 <--
EP 635996	B1	19980211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
AT 163124	T	19980215	AT 1990-917518	19901126 <--
ES 2114862	T3	19980616	ES 1990-917518	19901126 <--
HU 218970	B	20010129	HU 1997-92017	19901126 <--
CA 2069901	C	20011030	CA 1990-2069901	19901126 <--
RU 2228619	C2	20040520	RU 1990-5052227	19901126 <--

IL 96496	A	19941229	IL 1990-96496		19901128 <--
CN 1052115	A	19910612	CN 1990-109551		19901129 <--
CN 1051078	C	20000405			
ZA 9009591	A	19910925	ZA 1990-9591		19901129 <--
LV 10359	B	19960220	LV 1993-307		19930507 <--
LT 3372	B	19950825	LT 1993-711		19930625 <--
US 5700758	A	19971223	US 1995-468850		19950606 <--
US 5703008	A	19971230	US 1995-476065		19950607 <--
PRIORITY APPLN. INFO.:			DE 1989-3939503	A	19891130
			WO 1990-EP2020	A	19901126
			US 1992-848998	B3	19920421

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 115:92261
GI

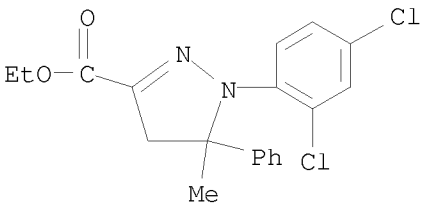


AB The title compds. [I; X = halo, haloalkyl; n = 1-3; R1 = H, alkyl, cycloalkyl, trialkylsilyl, trialkylsilylmethyl, alkoxyalkyl; R2, R3 = H, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxyalkyl, hydroxyalkyl, alkoxycarbonyl, alkylcarbonyl, alkylaminocarbonyl, halo, cyano, (substituted) Ph; R2R3 = atoms to form a ring], were prepared Thus, methacrylonitrile and Et3N at 70° were treated with Et 2-chloroglyoxalate 2,3-dichlorophenylhydrazone in dimethoxy ethane over 0.5 h; the mixture was stirred 4 h at 80° to give title compound II. II at 1.25 kg/ha reduced damage to wheat caused by 2.0 kg/ha Et feroxaprop from 70% to 30%. Other I gave complete protection.

IT 135590-92-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as herbicide safener)

RN 135590-92-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-5-phenyl-, ethyl ester (CA INDEX NAME)



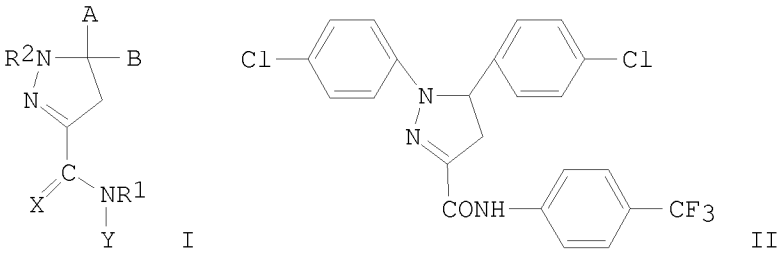
OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1989:23882 HCAPLUS
DOCUMENT NUMBER: 110:23882
ORIGINAL REFERENCE NO.: 110:4041a,4044a
TITLE: Insecticidal pyrazolinecarboxanilidess, and their compositions and use in insect control
INVENTOR(S): Stevenson, Thomas Martin
PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
SOURCE: PCT Int. Appl., 145 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8805046	A2	19880714	WO 1988-US1	19880104 <--
WO 8805046	A3	19880811		
W: SD, US				
EP 330678	A1	19890906	EP 1988-900910	19871214 <--
EP 330678	B1	19901024		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
ES 2008408	A6	19890716	ES 1988-6	19880104 <--
CN 88100104	A	19880720	CN 1988-100104	19880105 <--
ZA 8800040	A	19890927	ZA 1988-40	19880105 <--
US 5091405	A	19920225	US 1989-378529	19890512 <--

PRIORITY APPLN. INFO.: US 1987-326 A1 19870105
US 1987-113530 A1 19871028
WO 1988-US1 W 19880104
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 110:23882
GI

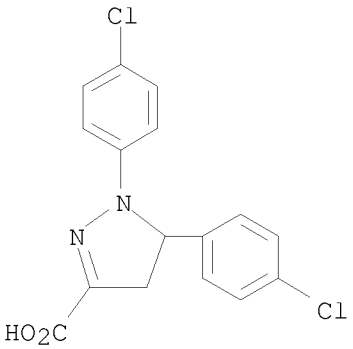


AB The title compds. [I; R1 = substituted Ph; R2 = (un)substituted Ph; X = O, S; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, alkoxycarbonyl, CHO, alkanoyl, haloalkanoyl, (un)substituted PhS; A = H, alkyl, cyano, CO2R3, COR3, CONR3R4, CSNR3R4, C(S)R3, CS2R3, (un)substituted Ph; B = H, alkyl, haloalkyl, alkoxyalkyl, cyanoalkyl, alkoxycarbonylalkyl, alkenyl, alkynyl, alkoxycarbonyl, (un)substituted Ph, PhCH2; R3 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, alkoxyalkyl, alkylthioalkyl, nitroalkyl, cyanoalkyl, alkoxycarbonylalkyl, (halo)cycloalkyl, (un)substituted Ph, PhCH2; R4 = H, alkyl; R3R4 = (CH2)4, (CH2)5, CH2CH2OCH2CH2] are prepared as

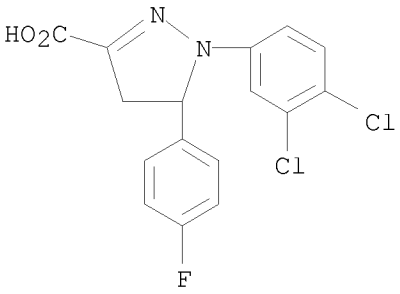
insecticides. Reaction of 4-ClC6H4NHN:CClCO2Et (preparation given) with 4-ClC6H4CH:CH2 via formation and dipolar cycloaddn. of a nitrile-imine (Et3N in C6H6) gave Et 1,5-bis(4-chlorophenyl)-4,5-dihydro-1H-pyrazole-3-carboxylate, which was saponified, converted to the acid chloride, amidated with 4-H2NC6H4CF3 to give pyrazolinecarboxanilide II. A formulation contained 10% II on attapulgite granules. As a spray at 0.55 kg/ha II gave ≥80% kill of Spodoptera frugiperda larvae.

IT 118010-87-0P 118010-91-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion of, to acid chloride)

RN 118010-87-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro- (CA INDEX NAME)

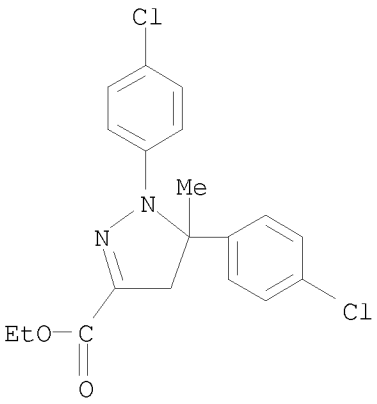


RN 118010-91-6 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(3,4-dichlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)

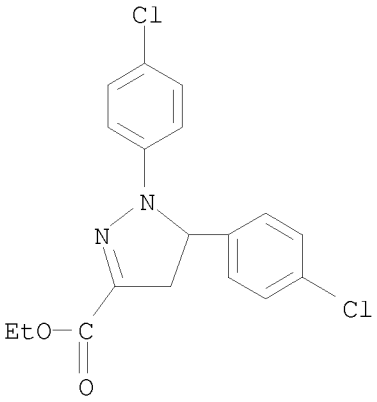


IT 118010-85-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification and amidation of)

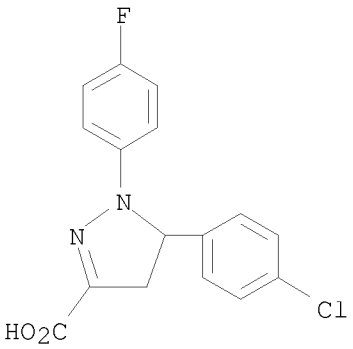
RN 118010-85-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)



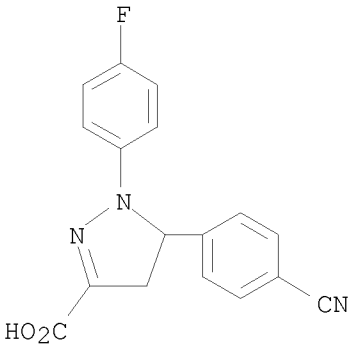
IT 118010-70-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification of)
RN 118010-70-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



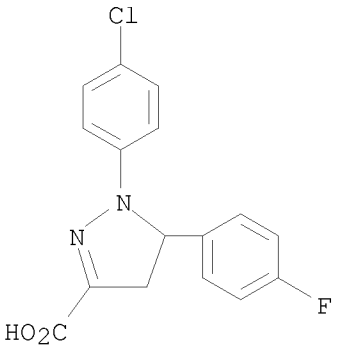
IT 118010-64-3P 118010-65-4P 118010-66-5P
118010-68-7P 118010-69-8P 118010-70-1P
118010-71-2P 118010-72-3P 118010-73-4P
118010-74-5P 118010-75-6P 118010-76-7P
118010-77-8P 118010-78-9P 118010-79-0P
118010-80-3P 118010-81-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as insecticide)
RN 118010-64-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



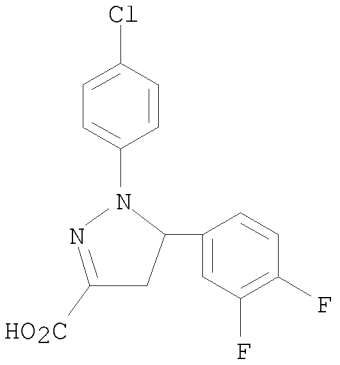
RN 118010-65-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



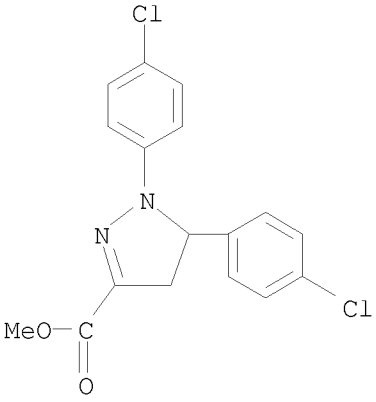
RN 118010-66-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



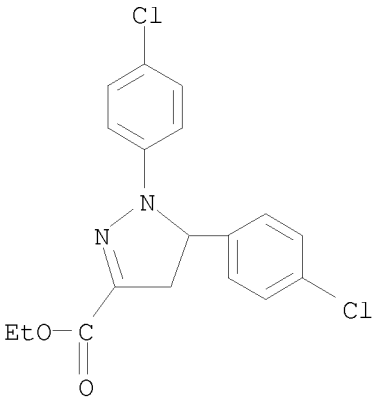
RN 118010-68-7 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro- (CA INDEX NAME)



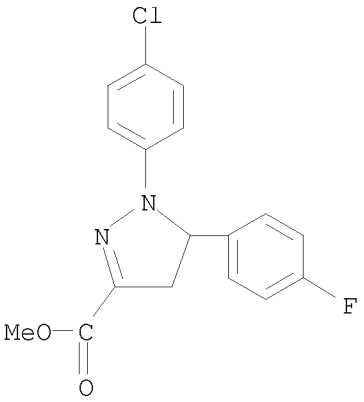
RN 118010-69-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



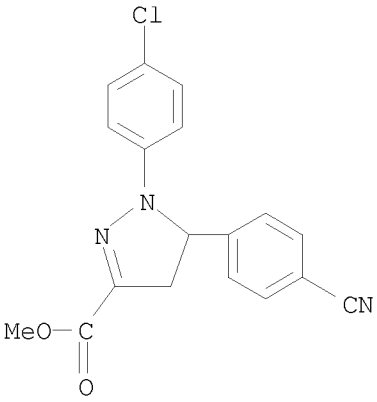
RN 118010-70-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



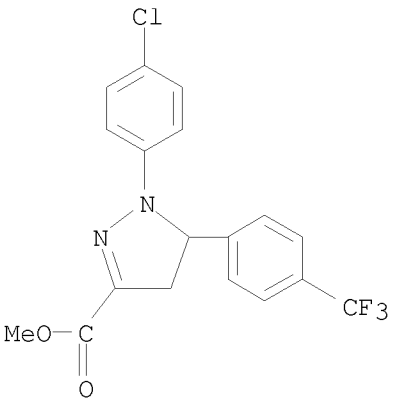
RN 118010-71-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



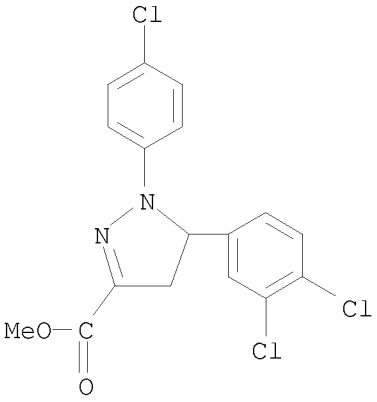
RN 118010-72-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



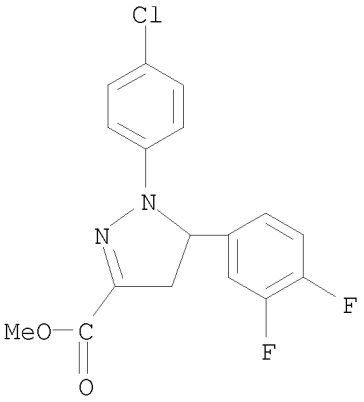
RN 118010-73-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-4,5-dihydro-5-[4-(trifluoromethyl)phenyl]-, methyl ester (CA INDEX NAME)



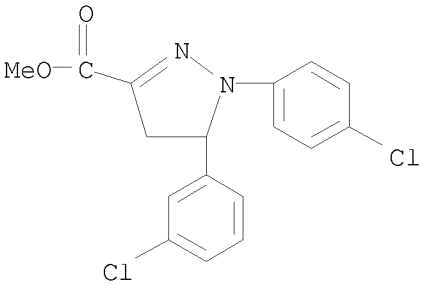
RN 118010-74-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-dichlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



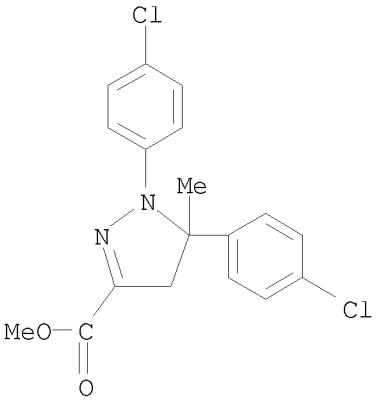
RN 118010-75-6 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-76-7 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(3-chlorophenyl)-1-(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)

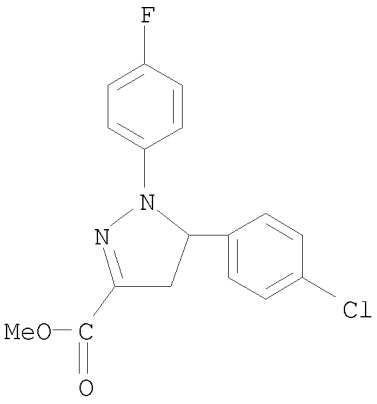


RN 118010-77-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, methyl ester (CA INDEX NAME)

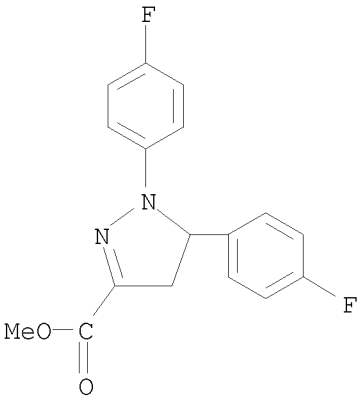


RN 118010-78-9 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-

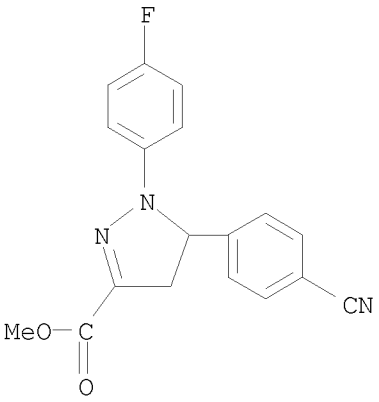
dihydro-, methyl ester (CA INDEX NAME)



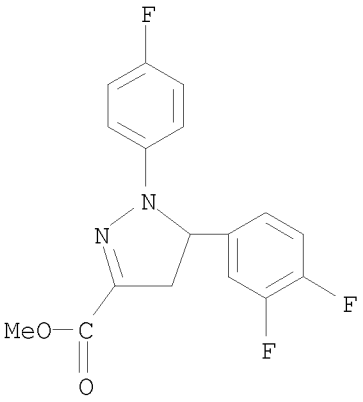
RN 118010-79-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-80-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(3,4-difluorophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (28 CITINGS)

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L10 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:793411 HCAPLUS
DOCUMENT NUMBER: 137:310911
TITLE: Utilization of pyrazoline derivatives, as inhibitors of the expression of the gene responsible for COX-2 synthesis, in the preparation of a medicament for the prevention and/or treatment of proliferative cell diseases
INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi
PATENT ASSIGNEE(S): Laboratorios del Esteve, S.A., Spain
SOURCE: PCT Int. Appl., 54 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
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ES 2264723	T3	20070116	ES 2002-714233	20020321	
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PRIORITY APPLN. INFO.:			
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OTHER SOURCE(S): MARPAT 137:310911
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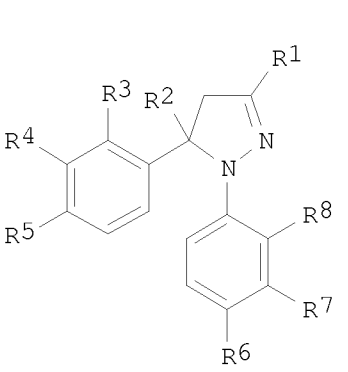

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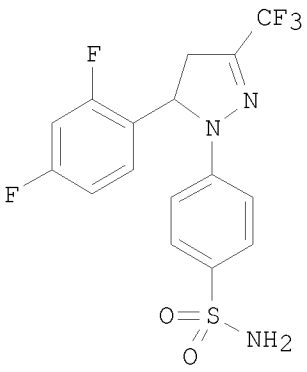


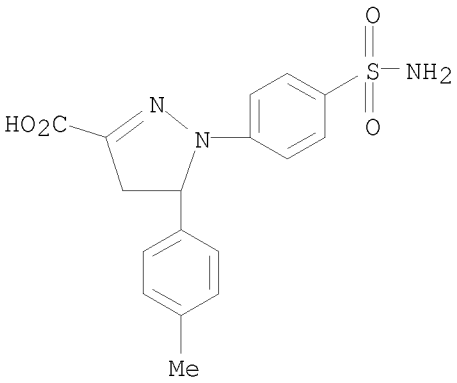
II

AB The invention relates to pyrazoline derivs. I [wherein R1 = H, Me, CH2F, CHF2, CF3, CO2H, C1-4 alkoxycarbonyl, CONH2, or cyano; R2 = H or Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, or OMe; R5, R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of R5 or R6 = SO2Me, SO2NH2, or SO2NHAc, and provided that if R1 = Me, then: R2 = H or Me; R3 and R8 = H, Cl, F, Me, or CF3; R4 = H, F, Me, CF3, or OMe; R5 = F, CF3, CF3O, SO2Me, SO2NH2, or SO2NHAc; R6 = H, Cl, F, Me, CF3, OMe, OCF3, SO2Me, SO2NH2, or SO2NHAc, provided that 1 of the substituents R5 or R6 = SO2Me, SO2NH2, or SO2NHAc; and R7 = H, Cl, F, Me, CF3, or OMe; including physiol. acceptable salts]. I are useful for the prevention or treatment of proliferative cell diseases. In particular, I are useful for treatment of pre-neoplastic or neoplastic processes, tumoral angiogenesis, cachexia, and processes related to tumor necrosis factor (TNF). Generally, I are useful for treating processes where there would be benefit by inhibiting the expression of the gene responsible for the synthesis of cyclooxygenase 2 (COX-2), notably in mammals, and particularly in humans. A list of 84 specific examples is provided, and a similar list of 84 compds. (1 difference) is claimed. Six examples of individual enantiomers are given, the remainder being racemic. For instance, condensation of 2,4-difluorobenzaldehyde with either CH3COCF3 (68%) or the reaction product of LiCH2PO3Et2 with PhN:C(Cl)CF3 (81%) gave (E)-1,1,1-trifluoro-4-(2,4-difluorophenyl)-3-buten-2-one. Cyclocondensation of the latter enone with 4-(H2NSO2)C6H4NHNH2.HCl gave 61% invention compound (±)-II, which was resolved by chromatog. on CHIRALPAK AS to give (+)- and (-)-II with enantiomeric purities of 99.9% or greater. In tests against human colorectal cancer cell lines NC59 and TD20, (±)-II had IC50 values of 29.87 and 33.87 μM, resp. I also inhibited the induction of COX-2 in JURKAT cells, were active against breast cancer cells in culture (IC50 12-18 μM), inhibited angiogenesis (as determined by induction of expression of VEGF and TF in cell culture), and inhibited production of TNF-α in the air-pouch model in mice.

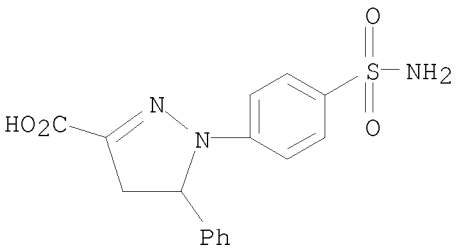
IT 251443-24-0P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylic acid 251443-25-1P, 1-(4-Aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylic acid 251443-26-2P, 4,5-Dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylic acid 251443-27-3P , Methyl 1-(4-aminosulfonylphenyl)-4,5-dihydro-5-(4-methylphenyl)-1H-pyrazole-3-carboxylate 251443-28-4P, Methyl

1-(4-aminosulfonylphenyl)-4,5-dihydro-5-phenyl-1H-pyrazole-3-carboxylate
251443-29-5P, Methyl 4,5-dihydro-5-(4-methylphenyl)-1-(4-methylsulfonylphenyl)-1H-pyrazole-3-carboxylate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation and use of pyrazoline derivs. as COX-2 gene expression inhibitors for prevention and/or treatment of proliferative cell diseases)

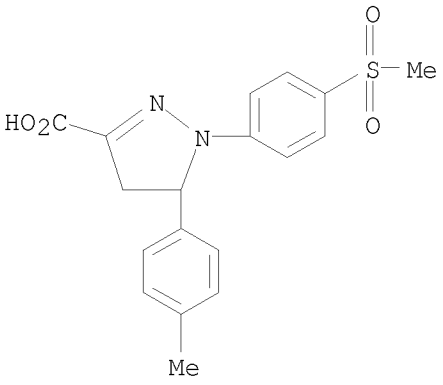
RN 251443-24-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)



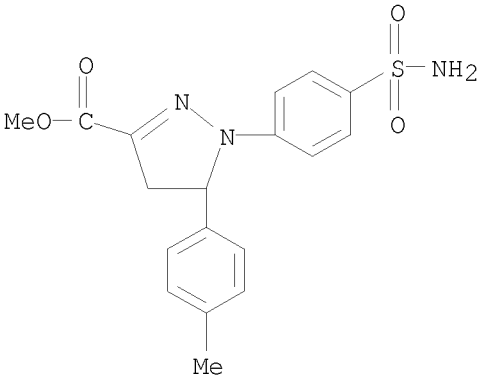
RN 251443-25-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



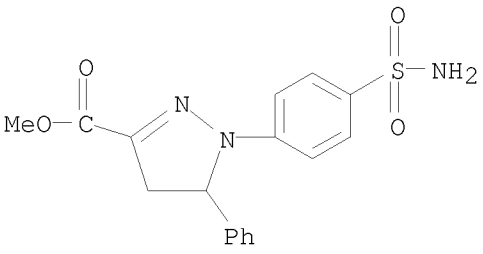
RN 251443-26-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)



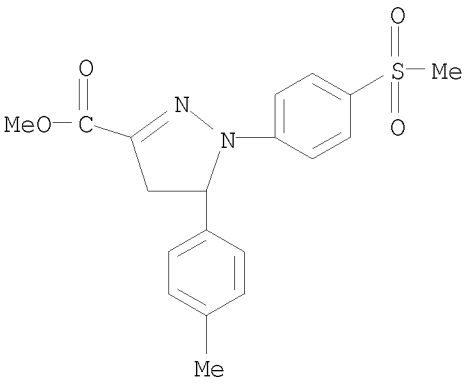
RN 251443-27-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



RN 251443-28-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 21 THERE ARE 21 CAPLUS RECORDS THAT CITE THIS RECORD (21 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

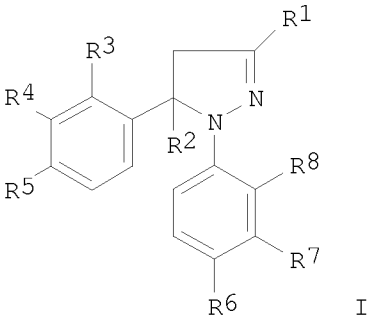
L10 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:784081 HCAPLUS
DOCUMENT NUMBER: 132:12302
TITLE: Diarylpyrazoles as inhibitors of cyclooxygenase-2
INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana Maria; Contijoch-Llobet, Maria Montserrat; Frigola-Constansa, Jordi
PATENT ASSIGNEE(S): Laboratorios Del Esteve, S.A., Spain
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962884	A1	19991209	WO 1999-ES156	19990527 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ES 2137138	A1	19991201	ES 1998-1129	19980529 <--
ES 2137138	B1	20000916		
CA 2333475	A1	19991209	CA 1999-2333475	19990527 <--
CA 2333475	C	20091208		
AU 9939329	A	19991220	AU 1999-39329	19990527 <--
AU 752001	B2	20020905		
EP 1083171	A1	20010314	EP 1999-922192	19990527 <--
EP 1083171	B1	20040428		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9910801	A	20011127	BR 1999-10801	19990527 <--

SI 20580	A	20011231	SI 1999-20042	19990527	<--
HU 2001002102	A2	20020328	HU 2001-2102	19990527	<--
HU 2001002102	A3	20020628			
JP 2002516908	T	20020611	JP 2000-552096	19990527	<--
NZ 508990	A	20021220	NZ 1999-508990	19990527	<--
TW 572898	B	20040121	TW 1999-88108709	19990527	<--
AT 265437	T	20040515	AT 1999-922192	19990527	<--
RU 2233272	C2	20040727	RU 2000-133231	19990527	<--
PT 1083171	E	20040930	PT 1999-922192	19990527	<--
ES 2221382	T3	20041216	ES 1999-922192	19990527	<--
CN 1189459	C	20050216	CN 1999-808111	19990527	
SK 285550	B6	20070301	SK 2000-1807	19990527	
CZ 298391	B6	20070919	CZ 2000-4418	19990527	
NO 2000006029	A	20010126	NO 2000-6029	20001128	<--
BG 105005	A	20010831	BG 2000-105005	20001128	<--
BG 64950	B1	20061031			
LT 4879	B	20020125	LT 2000-108	20001128	<--
US 6353117	B1	20020305	US 2000-701276	20001128	<--
US 38963	E1	20060131	US 2000-229880	20001128	<--
MX 2000011839	A	20010521	MX 2000-11839	20001129	<--
IN 216904	A1	20080321	IN 2000-CN668	20001217	
ZA 2000007638	A	20011113	ZA 2000-7638	20001219	<--
IN 2000KN00668	A	20050311	IN 2000-KN668	20001227	
LV 12632	B	20010720	LV 2000-161	20001228	<--

PRIORITY APPLN. INFO.: ES 1998-1129 A 19980529
WO 1999-ES156 W 19990527

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 132:12302
GI



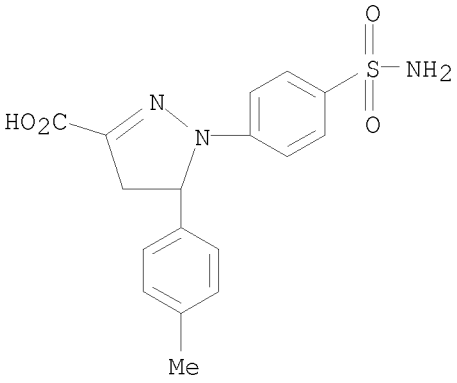
I

AB Diarylpyrazoles I [R1 = H, Me, CH2F, CHF2, CF3, CO2H, alkoxycarbonyl, carbamoyl, CN; R2 = H, Me; R3, R4, R7, R8 = H, Cl, F, Me, CF3, OMe; R5 = H, Cl, F, Me, CF3, OMe, OCF3, R6 = SO2Me, SO2NH2, SO2NHAc; R5 = SO2Me, SO2NH2, SO2NHAc, R6 = H, Cl, F, Me, CF3, OMe, OCF3] were prepared for use in treating inflammation and other processes mediated by COX-2. Thus, 2,4-F2C6H3CHO was treated with CF3COMe to give (E)-2,4-F2C6H3CH:CHCOCF3 which was cyclized with 4-H2NSO2C6H4NHNH2 to give I [R1 = CF3, R2-R4, R7, R8 = H, R5 = SO2Me, R6 = Me] which gave 92% inhibition of COX-2 activity at 40 mg/kg orally in rats.

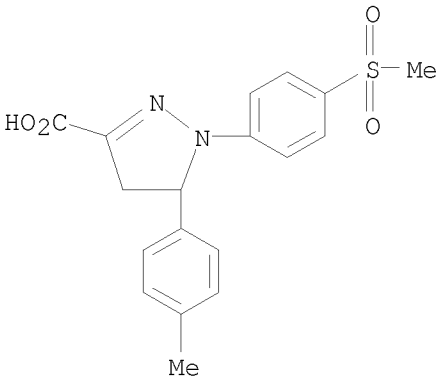
IT 251443-24-0P 251443-26-2P

RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

RN 251443-24-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)- (CA INDEX NAME)

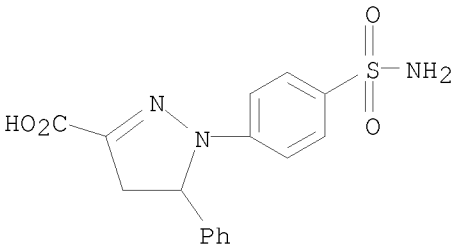


RN 251443-26-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)

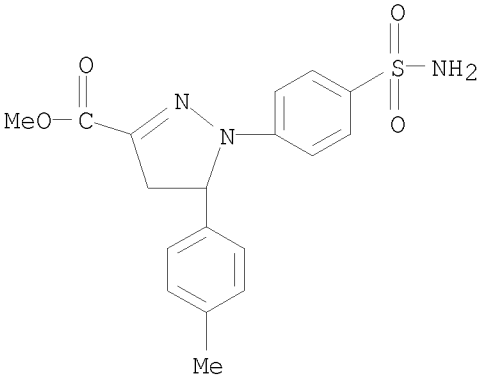


IT 251443-25-1P 251443-27-3P 251443-28-4P
251443-29-5P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

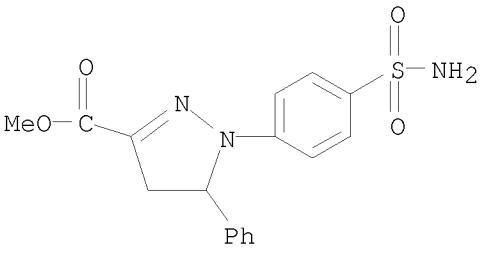
RN 251443-25-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl- (CA INDEX NAME)



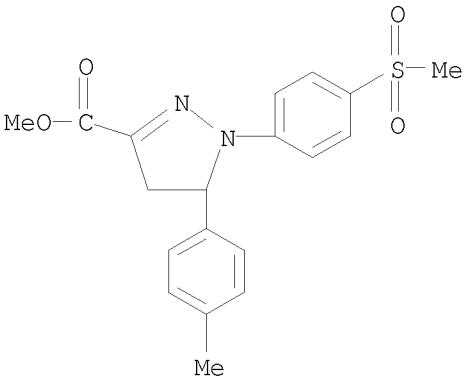
RN 251443-27-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-(4-methylphenyl)-, methyl ester (CA INDEX NAME)



RN 251443-28-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[4-(aminosulfonyl)phenyl]-4,5-dihydro-5-phenyl-, methyl ester (CA INDEX NAME)



RN 251443-29-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-, methyl ester (CA INDEX NAME)



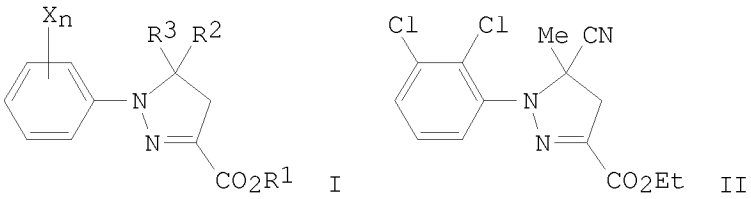
OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1991:492261 HCAPLUS
DOCUMENT NUMBER: 115:92261
ORIGINAL REFERENCE NO.: 115:15883a,15886a
TITLE: Preparation of 1-phenylpyrazoline-3-carboxylates as herbicide safeners
INVENTOR(S): Roesch, Wolfgang; Sohn, Erich; Bauer, Klaus; Bieringer, Hermann
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3939503	A1	19910606	DE 1989-3939503	19891130 <--
WO 9107874	A1	19910613	WO 1990-EP2020	19901126 <--
W: AU, CA, HU, JP, KR, SU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9168863	A	19910626	AU 1991-68863	19901126 <--
AU 653506	B2	19941006		
HU 60593	A2	19921026	HU 1992-1797	19901126 <--
HU 218970	B	20010129		
JP 05503086	T	19930527	JP 1991-500106	19901126 <--
JP 3088456	B2	20000918		
EP 635996	A1	19950201	EP 1990-917518	19901126 <--
EP 635996	B1	19980211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
AT 163124	T	19980215	AT 1990-917518	19901126 <--
ES 2114862	T3	19980616	ES 1990-917518	19901126 <--
HU 218970	B	20010129	HU 1997-92017	19901126 <--
CA 2069901	C	20011030	CA 1990-2069901	19901126 <--
RU 2228619	C2	20040520	RU 1990-5052227	19901126 <--

IL 96496	A	19941229	IL 1990-96496		19901128 <--
CN 1052115	A	19910612	CN 1990-109551		19901129 <--
CN 1051078	C	20000405			
ZA 9009591	A	19910925	ZA 1990-9591		19901129 <--
LV 10359	B	19960220	LV 1993-307		19930507 <--
LT 3372	B	19950825	LT 1993-711		19930625 <--
US 5700758	A	19971223	US 1995-468850		19950606 <--
US 5703008	A	19971230	US 1995-476065		19950607 <--
PRIORITY APPLN. INFO.:			DE 1989-3939503	A	19891130
			WO 1990-EP2020	A	19901126
			US 1992-848998	B3	19920421

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 115:92261
GI

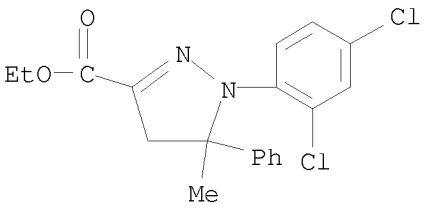


AB The title compds. [I; X = halo, haloalkyl; n = 1-3; R1 = H, alkyl, cycloalkyl, trialkylsilyl, trialkylsilylmethyl, alkoxyalkyl; R2, R3 = H, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxyalkyl, hydroxyalkyl, alkoxycarbonyl, alkylcarbonyl, alkylaminocarbonyl, halo, cyano, (substituted) Ph; R2R3 = atoms to form a ring], were prepared Thus, methacrylonitrile and Et3N at 70° were treated with Et 2-chloroglyoxalate 2,3-dichlorophenylhydrazone in dimethoxy ethane over 0.5 h; the mixture was stirred 4 h at 80° to give title compound II. II at 1.25 kg/ha reduced damage to wheat caused by 2.0 kg/ha Et feroxaprop from 70% to 30%. Other I gave complete protection.

IT 135590-92-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as herbicide safener)

RN 135590-92-0 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-5-phenyl-, ethyl ester (CA INDEX NAME)



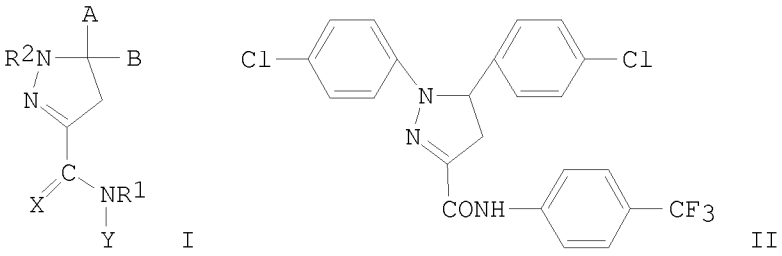
OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1989:23882 HCAPLUS
DOCUMENT NUMBER: 110:23882
ORIGINAL REFERENCE NO.: 110:4041a,4044a
TITLE: Insecticidal pyrazolinecarboxanilidess, and their compositions and use in insect control
INVENTOR(S): Stevenson, Thomas Martin
PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
SOURCE: PCT Int. Appl., 145 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8805046	A2	19880714	WO 1988-US1	19880104 <--
WO 8805046	A3	19880811		
W: SD, US				
EP 330678	A1	19890906	EP 1988-900910	19871214 <--
EP 330678	B1	19901024		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
ES 2008408	A6	19890716	ES 1988-6	19880104 <--
CN 88100104	A	19880720	CN 1988-100104	19880105 <--
ZA 8800040	A	19890927	ZA 1988-40	19880105 <--
US 5091405	A	19920225	US 1989-378529	19890512 <--

PRIORITY APPLN. INFO.: US 1987-326 A1 19870105
US 1987-113530 A1 19871028
WO 1988-US1 W 19880104
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 110:23882
GI

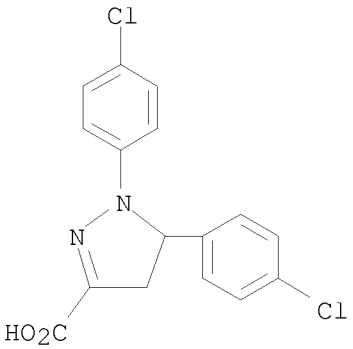


AB The title compds. [I; R1 = substituted Ph; R2 = (un)substituted Ph; X = O, S; Y = H, alkyl, alkoxyalkyl, alkylthio, haloalkylthio, alkoxycarbonyl, CHO, alkanoyl, haloalkanoyl, (un)substituted PhS; A = H, alkyl, cyano, CO2R3, COR3, CONR3R4, CSNR3R4, C(S)R3, CS2R3, (un)substituted Ph; B = H, alkyl, haloalkyl, alkoxyalkyl, cyanoalkyl, alkoxycarbonylalkyl, alkenyl, alkynyl, alkoxycarbonyl, (un)substituted Ph, PhCH2; R3 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, alkoxyalkyl, alkylthioalkyl, nitroalkyl, cyanoalkyl, alkoxycarbonylalkyl, (halo)cycloalkyl, (un)substituted Ph, PhCH2; R4 = H, alkyl; R3R4 = (CH2)4, (CH2)5, CH2CH2OCH2CH2] are prepared as

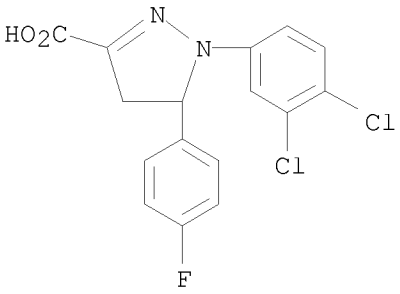
insecticides. Reaction of 4-ClC6H4NHN:CClCO2Et (preparation given) with 4-ClC6H4CH:CH2 via formation and dipolar cycloaddn. of a nitrile-imine (Et3N in C6H6) gave Et 1,5-bis(4-chlorophenyl)-4,5-dihydro-1H-pyrazole-3-carboxylate, which was saponified, converted to the acid chloride, amidated with 4-H2NC6H4CF3 to give pyrazolinecarboxanilide II. A formulation contained 10% II on attapulgite granules. As a spray at 0.55 kg/ha II gave ≥80% kill of Spodoptera frugiperda larvae.

IT 118010-87-0P 118010-91-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion of, to acid chloride)

RN 118010-87-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro- (CA INDEX NAME)

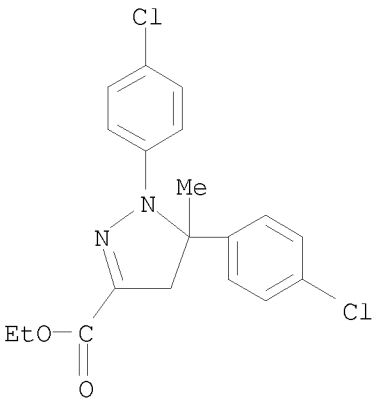


RN 118010-91-6 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(3,4-dichlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)

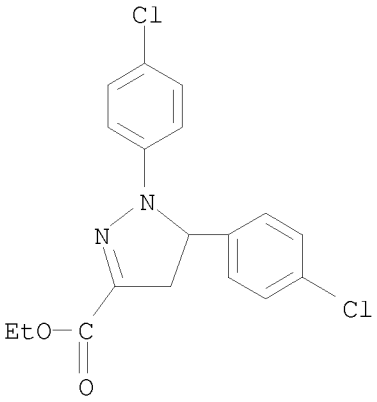


IT 118010-85-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification and amidation of)

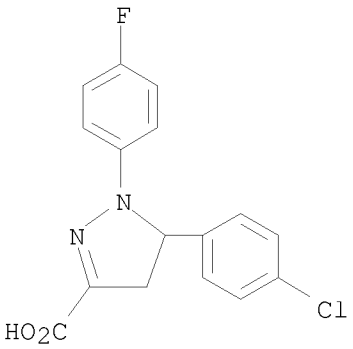
RN 118010-85-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, ethyl ester (CA INDEX NAME)



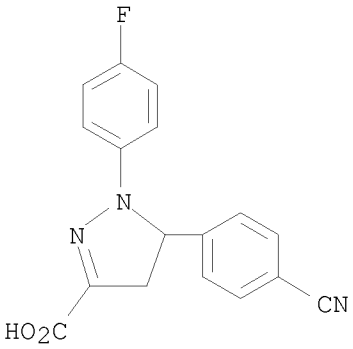
IT 118010-70-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification of)
RN 118010-70-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



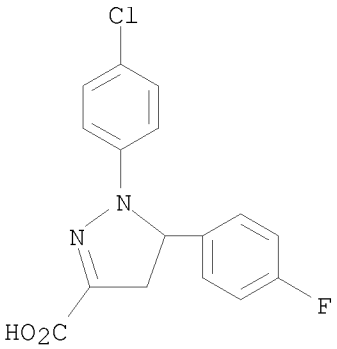
IT 118010-64-3P 118010-65-4P 118010-66-5P
118010-68-7P 118010-69-8P 118010-70-1P
118010-71-2P 118010-72-3P 118010-73-4P
118010-74-5P 118010-75-6P 118010-76-7P
118010-77-8P 118010-78-9P 118010-79-0P
118010-80-3P 118010-81-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as insecticide)
RN 118010-64-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



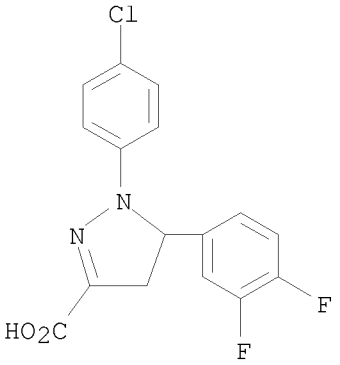
RN 118010-65-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



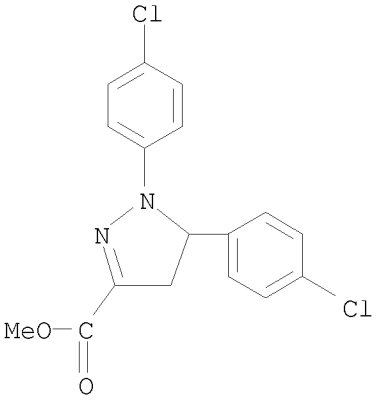
RN 118010-66-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro- (CA INDEX NAME)



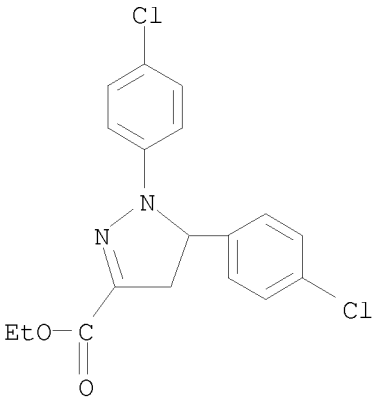
RN 118010-68-7 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro- (CA INDEX NAME)



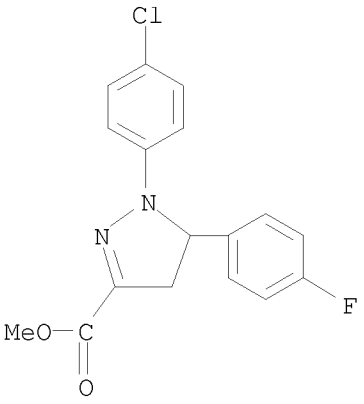
RN 118010-69-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



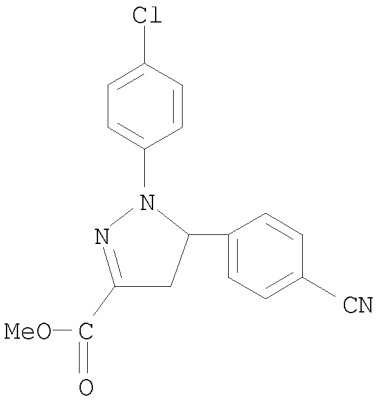
RN 118010-70-1 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-, ethyl ester (CA INDEX NAME)



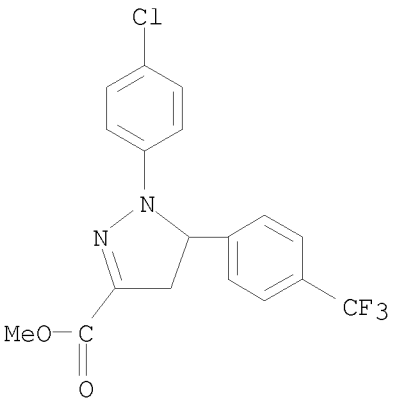
RN 118010-71-2 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



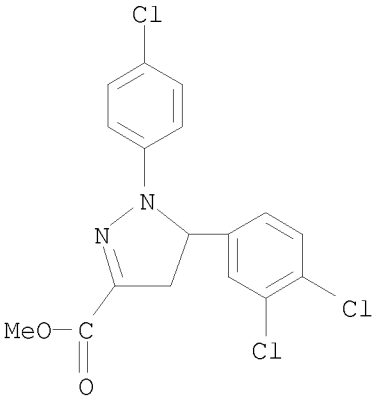
RN 118010-72-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(4-cyanophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



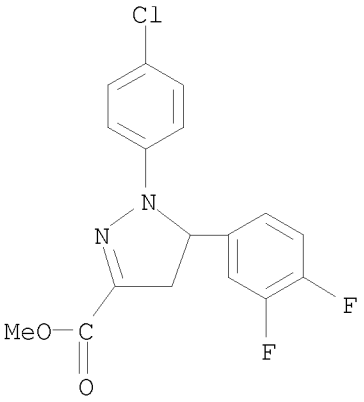
RN 118010-73-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-4,5-dihydro-5-[4-(trifluoromethyl)phenyl]-, methyl ester (CA INDEX NAME)



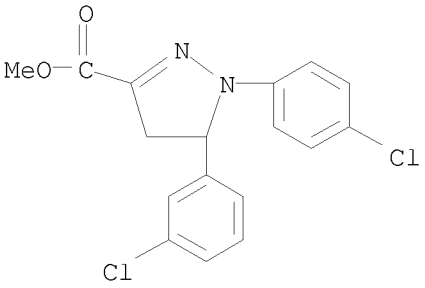
RN 118010-74-5 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-dichlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



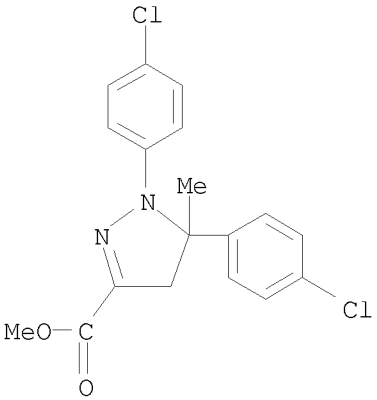
RN 118010-75-6 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(4-chlorophenyl)-5-(3,4-difluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-76-7 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(3-chlorophenyl)-1-(4-chlorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)

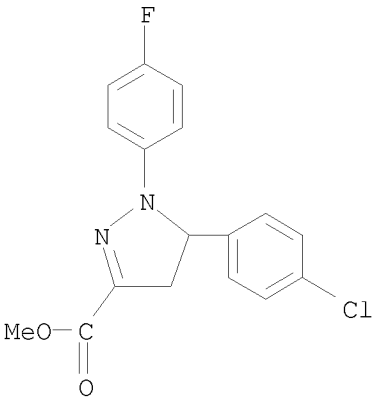


RN 118010-77-8 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-chlorophenyl)-4,5-dihydro-5-methyl-, methyl ester (CA INDEX NAME)

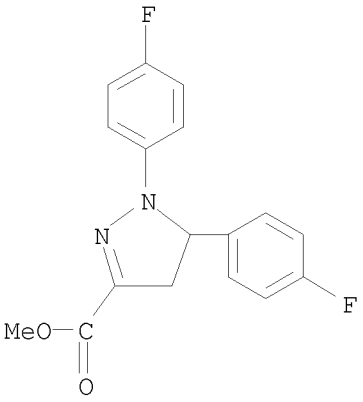


RN 118010-78-9 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(4-fluorophenyl)-4,5-

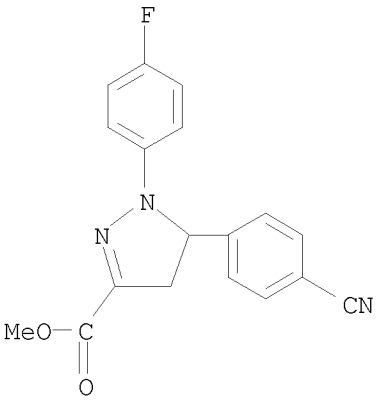
dihydro-, methyl ester (CA INDEX NAME)



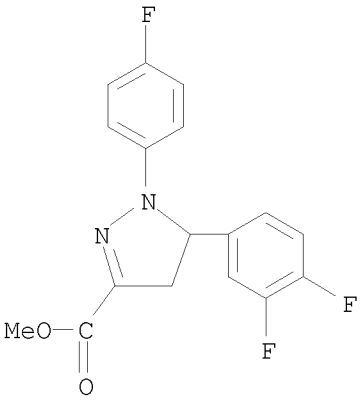
RN 118010-79-0 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1,5-bis(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-80-3 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



RN 118010-81-4 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-(3,4-difluorophenyl)-1-(4-fluorophenyl)-4,5-dihydro-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (28 CITINGS)

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	90.08	281.84
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-11.05	-11.05

STN INTERNATIONAL LOGOFF AT 15:50:13 ON 04 MAY 2010